



# وزارة التعليم العالي والبحث العلمي كلية المنصور الجامعة دائرة تكنولوجيا المعلومات والاتصالات

دورة التدريب الاحترافي للتعليم الالكتروني  
أستعداداً للعام الدراسي 2020 – 2021

الدروس التفاعلية وفق منصة

H5P

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# سيرة المدرب



- نور عايد حنديل
- ماجستير علوم حاسبات واتصالات
- تدريسية في قسم القانون /كلية المنصور الجامعة
- مدرب في فريق التعليم الالكتروني في كلية المنصور الجامعة

# الاهداف التعليمية



في نهاية الجلسة ستكون قادر على مايلى:

➤ انشاء حساب H5P

➤ التعرف على الواجهة الرئيسية

➤ انشاء محتوى تفاعلي

# What is H5P?

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- **H5P is an abbreviation for HTML 5 Package**
- **Free and open source content collaboration framework based on java script**
- **The framework consists of a web based content editor, a web site for sharing content types**

# — The main objective of H5P

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To make it easy for everyone to create and share and reuse HTML content

The H5P logo is displayed in white, bold, sans-serif font. The '5' is stylized with a dot in the center. It is set against a dark blue circular background with concentric circles, all within a larger dark blue rectangular frame.

**H5P**

Create,  
Share and Reuse

RICH INTERACTIVE CONTENT

# Poll #1

هل استخدمت H5P من قبل ام لا ؟

A. نعم

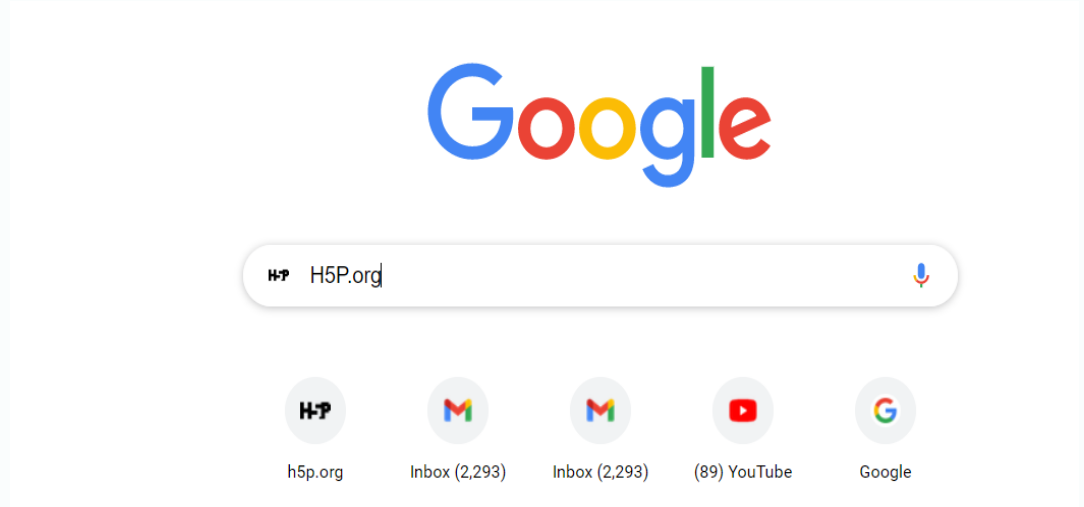
B. كلا

# Create a new account (free account)

## Step 1:

نكتب بداخل محرك البحث كروم

<https://h5p.org>



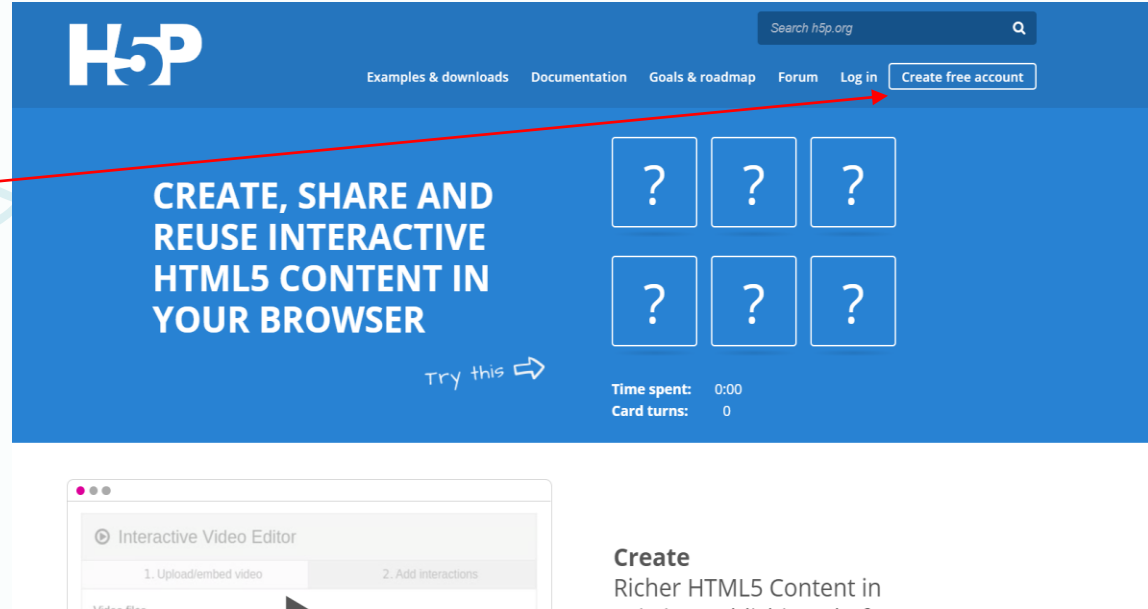
# Create anew account (free account)

انشاء حساب جديد

Step 2:

نقوم بالضغط على

Create free account



The screenshot shows the H5P website homepage. The header is blue with the H5P logo on the left and a search bar on the right. Below the logo are navigation links: 'Examples & downloads', 'Documentation', 'Goals & roadmap', 'Forum', and 'Log in'. The 'Create free account' button is highlighted with a red arrow. The main content area is blue and features the text 'CREATE, SHARE AND REUSE INTERACTIVE HTML5 CONTENT IN YOUR BROWSER' and a 'Try this' button with a right-pointing arrow. To the right of the text are two rows of three white boxes with question marks. Below the text, there are statistics: 'Time spent: 0:00' and 'Card turns: 0'. At the bottom, there is a preview of the 'Interactive Video Editor' interface with two steps: '1. Upload/embed video' and '2. Add interactions'.

Create

Richer HTML5 Content in



# Create anew account (free account)

## انشاء حساب جديد

### Step 3:

نقوم بملء الحقول الخاصة  
حسب المعلومات المطلوبة

### User account

[Create new account](#) [Log in](#) [Request new password](#)

Username \*

Spaces are allowed; punctuation is not allowed except for periods, hyphens, apostrophes, and underscores.

E-mail address \*

A valid e-mail address. All e-mails from the system will be sent to this address. The e-mail address is not made public and will only be used if you wish to receive a new password or wish to receive certain news or notifications by e-mail.

Password \*  Password strength: **Strong**

Confirm password \*

To make your password stronger:

- Add uppercase letters

# Create anew account (free account)

## انشاء حساب جديد

### Step 4:

بعد الانتهاء من ملء

الحقول نقوم بالضغط على

Create new account

Description

Description shown to other users. Example: "Programmer at CoolCoding INC. Loves Coffee". May be left empty.

Get monthly updates

Get monthly updates on e-mail about new releases and other H5P developments. By checking this box you give your consent to having your e-mail address added to the H5P mailinglist. H5P currently use MailChimp to send out monthly updates. Your e-mail address will only be used for the monthly updates and you can unsubscribe at any time. ([MailChimp's privacy policy](#))

Subscribe **Subscribe تفعيل**

CAPTCHA

This question is for testing whether you are a human visitor and to prevent automated spam submissions.

What do you get if you add two and four? Answer is a three letter word. \*

six

Fill in the blank.

**What do u get if u add two and four? Answer is three letter word**

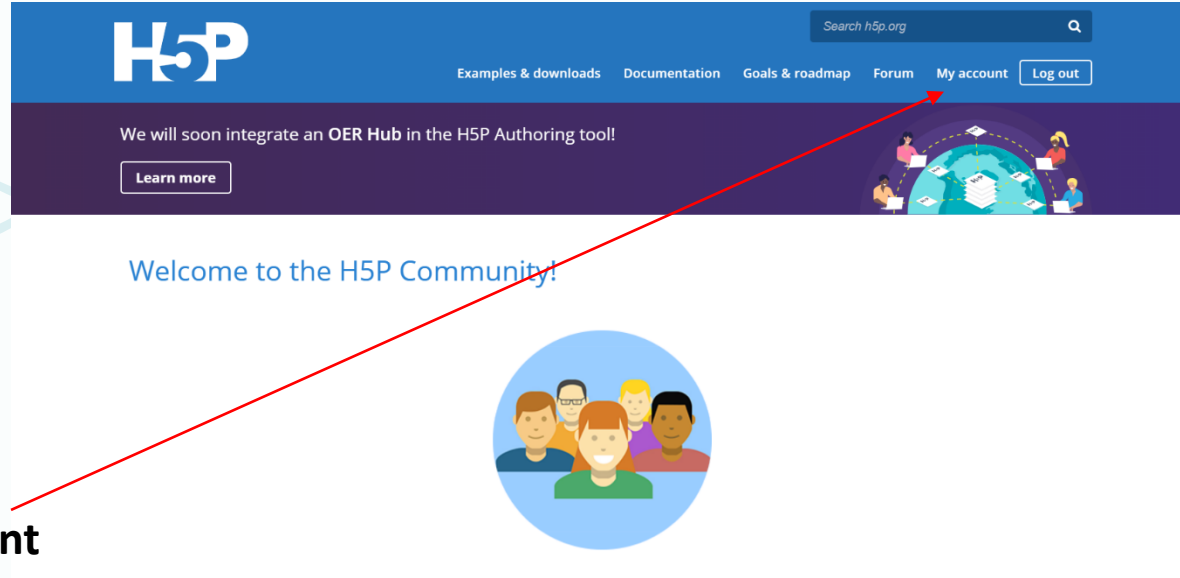
Create new account

# Create anew account (free account)

## انشاء حساب جديد

Step 5: رسالة ترحيبية  
لانضمامك لموقع  
H5P

نضغط على  
My account



The screenshot shows the H5P website homepage. The top navigation bar is blue and contains the H5P logo, a search bar with the text 'Search h5p.org', and several menu items: 'Examples & downloads', 'Documentation', 'Goals & roadmap', 'Forum', 'My account', and 'Log out'. Below the navigation bar, there is a dark purple banner with the text 'We will soon integrate an OER Hub in the H5P Authoring tool!' and a 'Learn more' button. To the right of the banner is an illustration of a globe with people icons. Below the banner, the text 'Welcome to the H5P Community!' is displayed. At the bottom center, there is a circular icon containing five stylized human figures of different colors. A red arrow points from the 'My account' link in the navigation menu to the circular icon.

# The content

# المحتوى

view

The screenshot shows the H5P website header with the logo and navigation links: Examples & downloads, Documentation, Goals & roadmap, Forum, My account, and Log out. A search bar is also present. Below the header, a message states: "We will soon integrate an OER Hub in the H5P Authoring tool!" with a "Learn more" button. The main content area displays the user profile for "noor.hundal" with a profile picture and a "Quick Links" section containing "Try out H5P", "Latest Release Note", "Content Author Tutorials", and "Forum". Below this is a "Recent Content" section. Navigation options for the user profile are "View", "Edit", "Contents", and "Comments". Red arrows point from the "view" label to the "View" link, and from "Edit", "Content", and "Comment" labels to their respective links.

# The content

# المحتوى

noor.hundal

[View](#) [Edit](#) [Contents](#) [Comments](#)



noor.hundal

Member for  
5 months 2 weeks

Contact User

## Quick Links

[Try out H5P](#)

[Latest Release Note](#)  
[Content Author Tutorials](#)  
[Forum](#)

## Recent Content

Title	Updated	Link to edit content
<a href="#">How to use H5P</a>	2020/11/22 - 00:02	<a href="#">edit</a>
<a href="#">computer system</a>	2020/06/18 - 00:43	<a href="#">edit</a>
<a href="#">Read Matrix</a>	2020/06/17 - 23:26	<a href="#">edit</a>
<a href="#">how to read matrix two dimension</a>	2020/06/17 - 22:16	<a href="#">edit</a>

[View All](#)

نضغط على  
Try out H5P

محتوى جديد

# The content

# المحتوى

Select content type







H5P Hub Select content type

Create Content  Upload Paste

Search for Content Types

All Content Types (11 results)

Show: Recently Used First Newest First A to Z

	<b>Accordion</b> Create vertically stacked expandable items	<a href="#">Details</a>
	<b>Column</b> Organize H5P content into a column layout	<a href="#">Details</a>
	<b>Course Presentation</b> Create a presentation with interactive slides	<a href="#">Details</a>
	<b>Fill in the Blanks</b> Create a task with missing words in a text	<a href="#">Details</a>
	<b>Multiple Choice</b> Create flexible multiple choice questions	<a href="#">Details</a>
	<b>Summary</b>	<a href="#">Details</a>

## Create Content

سوف تظهر مجموعة من  
الاختيارات الموجودة  
بالاسفل ويتم اختيار اي  
واحدة تلائم الغرض الذي  
نريده

# The content

# المحتوى

Upload عند اختيار

Select content type

HSP<sub>hub</sub> Select content type

Create Content  Upload

Paste

Upload an H5P file.

No file chosen

Upload a file

You may start with examples from [H5P.org](https://www.h5p.org).

يتم اختيار الفايل من الحاسبة  
من مكان خزنه

H5P Options

- Display buttons (download, embed and copyright)
- Allow download
- Embed button
- Copyright button

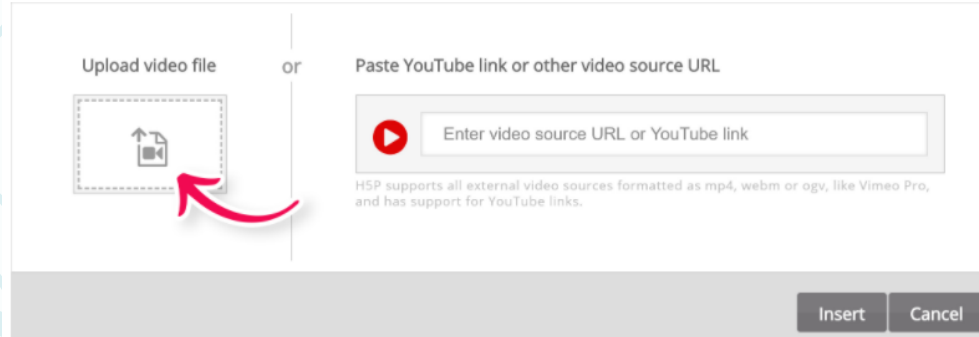
Save

# Create Interactive content

## انشاء محتوى تفاعلي

Step 1:  
رفع الفيديو

Press the "+" button and then press the "Upload video file" button:



The screenshot shows the H5P Interactive Video creation interface. On the left, there is a button labeled "Upload video file" with a red arrow pointing to it. To its right is a button labeled "Paste YouTube link or other video source URL". Below the "Upload video file" button is a dashed box containing a video icon. Below the "Paste YouTube link..." button is a text input field with a red play button icon and the text "Enter video source URL or YouTube link". Below the input field is a note: "H5P supports all external video sources formatted as mp4, webm or ogv, like Vimeo Pro, and has support for YouTube links." At the bottom of the interface are "Insert" and "Cancel" buttons.

Select content type

H5P<sub>hub</sub> Interactive Video

Tutorial Example

Copy

Paste & Replace

Read Matrix

Title \* Metadata

Used for searching, reports and copyright information

Read Matrix

interactions

Step 3  
Summary task

video. You can add a video link or upload video files. It is possible to add several  
mum. You can support in browsers at least add a version in webm and mp4 formats.  
s to 16 MB. To use larger files you must use H5P.com or host your own website

Insert

Cancel

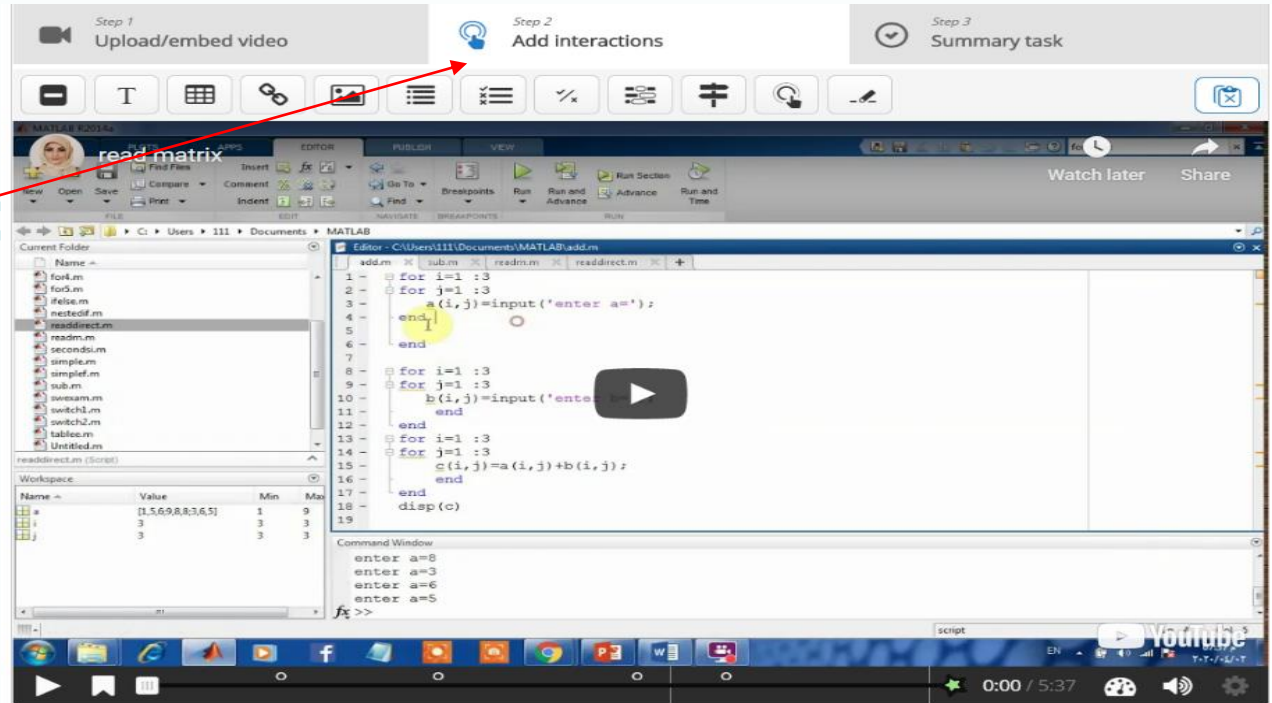
Interactive video



# Create Interactive content

## انشاء محتوى تفاعلي

Step 2:  
اضافة مؤثرات



The screenshot displays the MATLAB software interface. At the top, there are three steps: Step 1 (Upload/embed video), Step 2 (Add interactions), and Step 3 (Summary task). A red arrow points from the text 'Step 2: إضافة مؤثرات' to the 'Add interactions' button in the top toolbar. The main workspace shows a video player with a play button overlay. Below the video player, the MATLAB Editor window is open, displaying a script named 'add.m' with the following code:

```
1 - for i=1 :3
2 -   for j=1 :3
3 -     a(i,j)=input('enter a=');
4 -   end
5 - end
6 -
7 -
8 -   for i=1 :3
9 -     for j=1 :3
10 -      b(i,j)=input('enter b=');
11 -    end
12 -  end
13 -   for i=1 :3
14 -     for j=1 :3
15 -      c(i,j)=a(i,j)+b(i,j);
16 -    end
17 -  end
18 -  disp(c)
19 -
```

The Command Window at the bottom shows the following input and output:

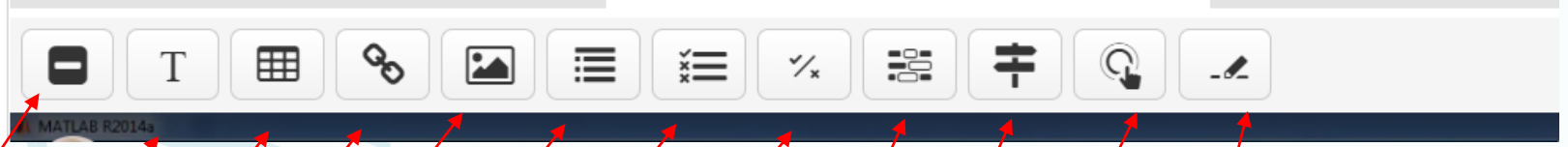
```
enter a=8
enter a=3
enter a=6
enter a=5
```

The Workspace window shows the following variables:

Name	Value	Min	Max
a	[1,5,6,9,8,8,3,6,5]	1	9
i	3	3	3
j	3	3	3

# Create Interactive content

## انشاء محتوى تفاعلي



لاضافة عنوان

لاضافة نص

لاضافة جدول

لاضافة رابط

لاضافة صورة

لاضافة صيغيات او موجز

لاضافة خيارات متعددة

لاضافة خيارات متعددة

لاضافة صح او خطأ

لاضافة املىء الفراغات

لاضافة تقاطع الطرق

لاضافة نقطة اتصال ملاحظة

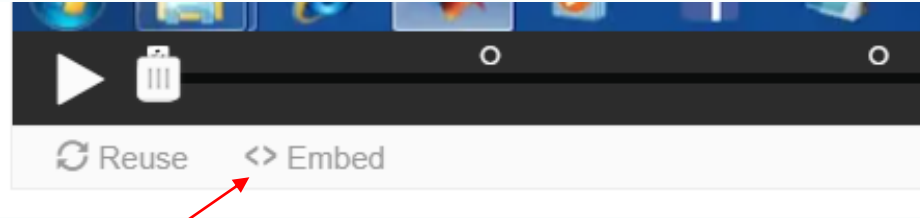
لاضافة نقطة اتصال ملاحظة

لاضافة نصي مجاني

لاضافة سؤال مجاني

# Export Interactive content

## رفع المحتوى التفاعلي

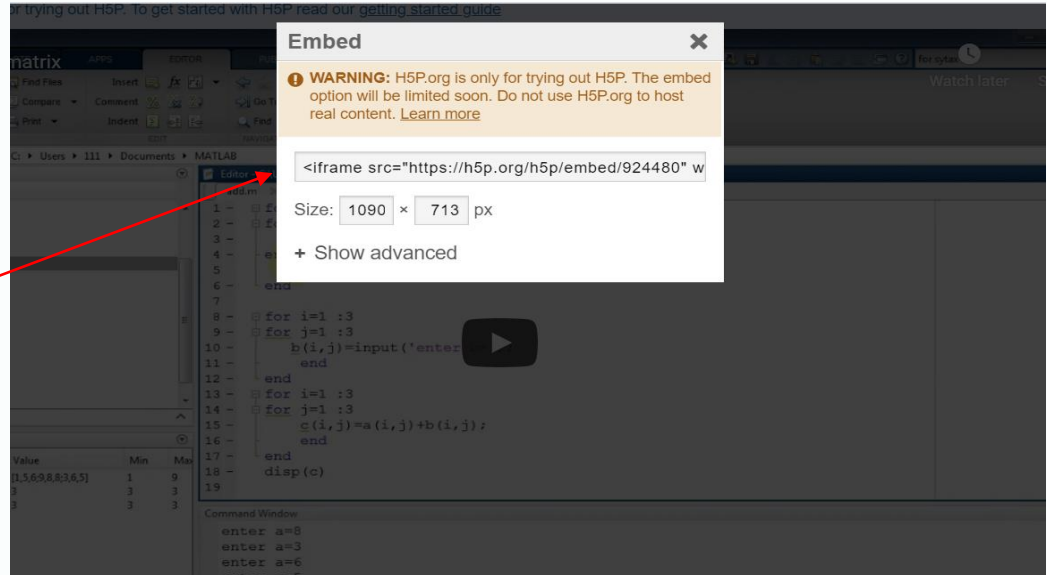


نضغط خيار تضمين

# Export Interactive content

## رفع المحتوى التفاعلي

نختار فقط الرابط  
الموجود بين  
علامتي الاقتباس  
فقط ونقوم بنسخه



Trying out H5P: To get started with H5P read our getting started guide

**Embed** ✕

**WARNING:** H5P.org is only for trying out H5P. The embed option will be limited soon. Do not use H5P.org to host real content. [Learn more](#)

<iframe src="https://h5p.org/h5p/embed/924480" w

Size: 1090 × 713 px

+ Show advanced

```
1 -  
2 -  
3 -  
4 -  
5 -  
6 -  
7 -  
8 - for i=1 :3  
9 -   for j=1 :3  
10 -     b(i,j)=input('enter  
11 -   end  
12 - end  
13 - for i=1 :3  
14 -   for j=1 :3  
15 -     c(i,j)=a(i,j)+b(i,j);  
16 -   end  
17 - end  
18 - disp(c)  
19 -
```

Value: 1.56988(3,5) Min: 1 Max: 9  
3 3  
3 3

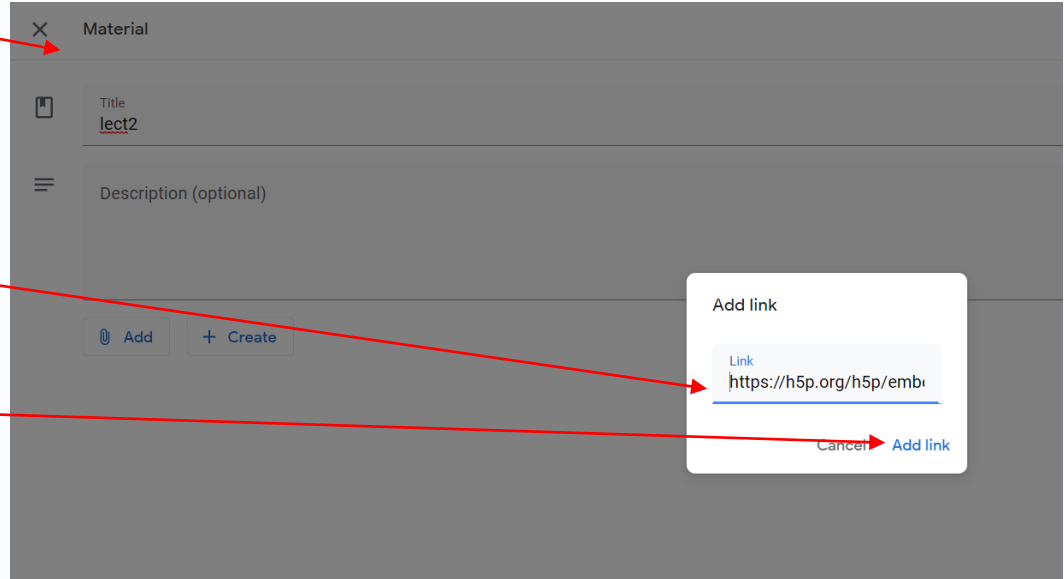
Command Window  
enter a=8  
enter a=3  
enter a=6

# Export Interactive content

## رفع المحتوى التفاعلي

إضافة مهمة  
دراسية في الصف  
الإلكتروني

نقوم بوضع الرابط  
ومن ثم نضغط  
إضافة رابط



The screenshot shows a 'Material' form with the following fields:

- Title: lect2
- Description (optional):

At the bottom of the form, there are two buttons: 'Add' and '+ Create'. An 'Add link' dialog box is open, showing the following fields:

- Link: <https://h5p.org/h5p/emb>
- Buttons: Cancel and Add link

Red arrows point from the Arabic text on the left to the 'Add' button, the 'Add link' dialog box, and the 'Add link' button in the dialog box.

# Export Interactive content

## رفع المحتوى التفاعلي


لقد تم وضع الفيديو  
بشكل صحيح والان  
تريد ارساله او  
جعله كمسودة لحين  
وقت نشره حسب  
اوقات محاضراتك

Material

Title  
lect2

Description (optional)

[Add](#) [+ Create](#)

 Read Matrix  
<https://h5p.org/h5p/embed/924480>

شكرا لاستماعكم

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