



Faculty of Engineering - Shoubra Benha University

Research Report

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Group	2
Section	11
Seat Number	243
Department	Engineering Mathematics and Physics
Academic Year	Preparatory 2020-2021
Course name	Computer
Course code	ECE001

Git hub link:- <https://github.com/Pavly-Doss/HTML-Project-ECE001>

Research Topic:

➤ **Computer Architecture**

Brief about the project:

this project is talking about Computer Architecture and some information about:

- 1- Introduction and the history of Computer Architecture.
- 2- The database systems.
- 3- The performance of the computer.
- 4- Server's classifications.
- 5- Video to know more about computer architecture.

As in computer engineering, computer architecture is a set of rules and methods that describe the functionality, organization, and implementation of computer systems. Some definitions of architecture define it as describing the capabilities and programming model of a computer but not a particular implementation. another definitions computer architecture involves instruction set architecture design, microarchitecture design, logic design.

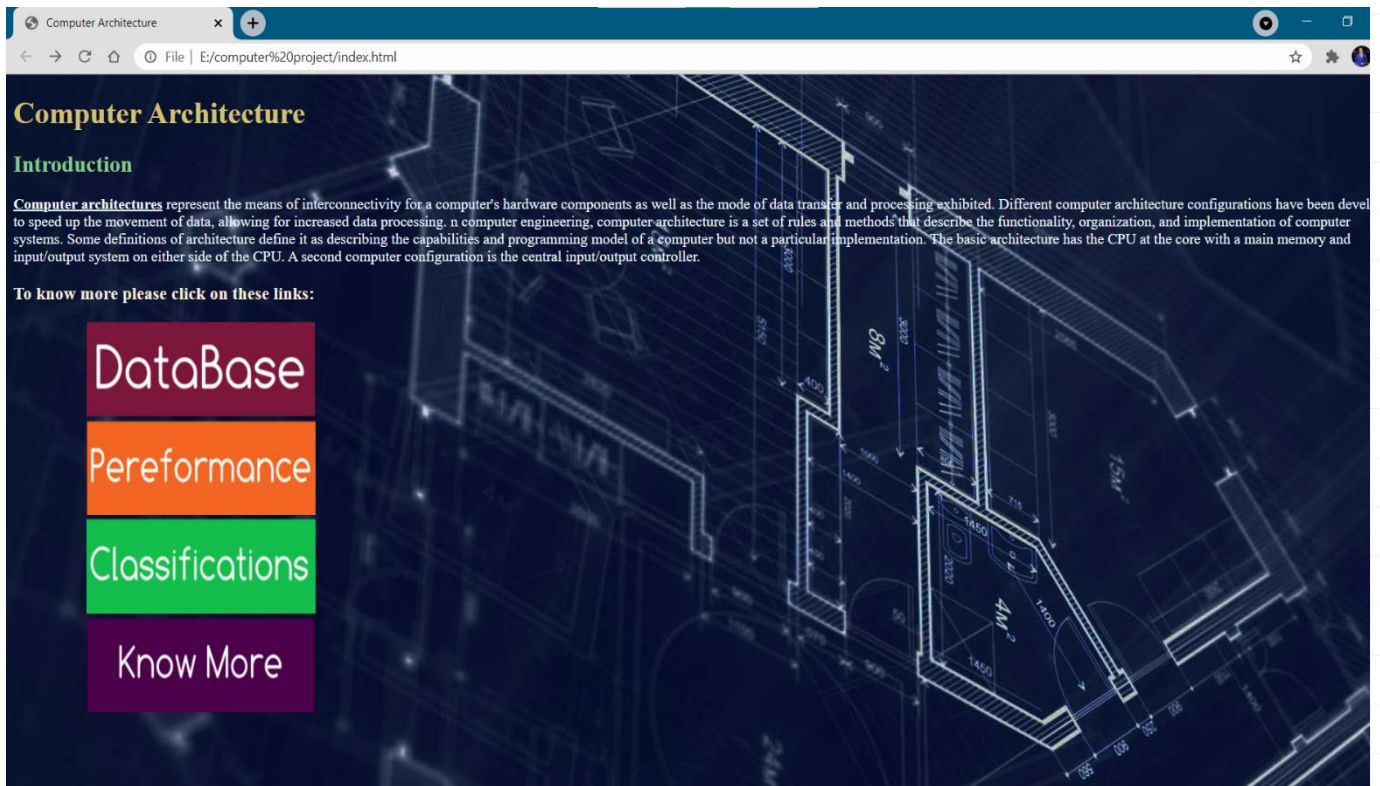
SOME SCREEN SHOTS FOR THE PROJECT.

The code:-

```
File Edit Selection View Go Run Terminal Help index.html - Visual Studio Code [Administrator]
index.html 3 X Data base.html pereformance.html server classifaction.html videos.html
E > computer project > index.html > html > body > h3
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title> Computer Architecture</title>
5 <meta charset="utf-8"/>
6 <meta name="description" content="computer architecture is a set of rules and methods that describe the functionality, organization, and implementation of compute
7 </head>
8 <body background="download.jpg"></body>
9 <body>
10 <h1 style="color: rgb(211, 193, 116);">Computer Architecture</h1>
11 <h2 style="color: rgb(134, 201, 143); style="font-size:300%>Introduction</h2>
12 <p style="color:aliceblue;
13 style="font-size: 35px;"> <B><u>Computer architectures</u></B> represent the means of interconnectivity for a computer's hardware components as well as the
14 Different computer architecture configurations have been developed to speed up the movement of data, allowing for increased data processing. n computer engineerin
15 computer architecture is a set of rules and methods that describe the functionality, organization, and implementation of computer systems.
16 Some definitions of architecture define it as describing the capabilities and programming model of a computer but not a particular implementation.
17 The basic architecture has the CPU at the core with a main memory and input/output system on either side of the CPU. A second computer configuration is
18 the central input/output controller.
19
20 </p>
21 <h3 style="color: antiquewhite;">To know more please click on these links:</h3>
22
23 <ol>
24 <li><a href="file:///E:/computer%20project/Data%20base.html"></a> </li>
25
26 <li><a href="file:///E:/computer%20project/pereformance.html"></a> </li>
27 <li><a href="file:///E:/computer%20project/server%20classifaction.html"></a> </li>
28 <li><a href="file:///E:/computer%20project/videos.html"></a> </li>
29 </ol>
30
31 </body>
32 </html>
33
Ln 21, Col 36 Spaces: 4 UTF-8 CRLF HTML
```

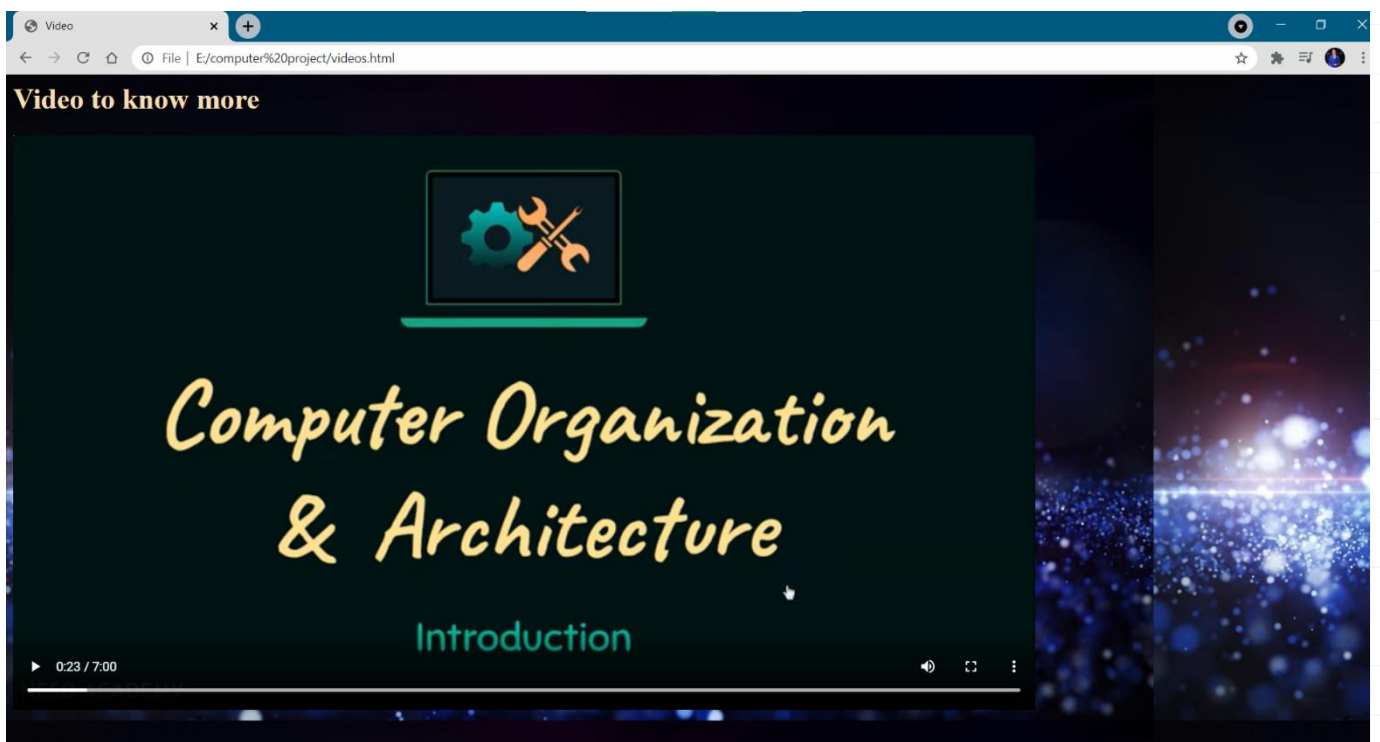
```
File Edit Selection View Go Run Terminal Help Data base.html - Visual Studio Code [Administrator]
index.html 3 X Data base.html pereformance.html server classifaction.html videos.html
E > computer project > Data base.html > html
1 <html>
2 <head>
3 <title>Data Base</title>
4 <body background="1428490-Recovered.jpg"></body>
5 </head>
6 <body background="1428490-Recovered.jpg"> </body>
7 </body>
8 <h1 style="color: antiquewhite;">Database system</h1>
9 <p style="color: aliceblue;"> 14.2.1 PC performance assessment benchmark The PC computer architecture performance test utilized is comprised of 22 individual be
10 <p style="color: azure;">
11 <ul type="disc" style="color: aliceblue;">
12 <li>Integer and floating-point mathematical operations </li>
13 <li>Tests of standard two-dimensional graphical functions </li>
14 <li>Reading, writing, and seeking within disk files </li>
15 <li>Memory allocation and access </li>
16 </ul> </p>
17 <p style="color: azure;">he test results reported are shown as relative values
18 . The larger the number the faster the computer. For example,
19 a computer with a result of 40 can process roughly twice as much data
20 as a computer with a result of 20. The Passmark rating is a weighted
21 average of all the other test results and gives a single overall
22 indication of the computer's performance.
23 The bigger the number the faster the computer.</p>
24
25 
26
27 </body>
28 </html>
Ln 1, Col 1 Spaces: 2 UTF-8 CRLF HTML
```

The topic:-



The screenshot shows a web browser window with the address bar displaying 'File | E:/computer%20project/index.html'. The page title is 'Computer Architecture'. Below the title is an 'Introduction' section. The text in the introduction states: 'Computer architectures represent the means of interconnectivity for a computer's hardware components as well as the mode of data transfer and processing exhibited. Different computer architecture configurations have been developed to speed up the movement of data, allowing for increased data processing. In computer engineering, computer architecture is a set of rules and methods that describe the functionality, organization, and implementation of computer systems. Some definitions of architecture define it as describing the capabilities and programming model of a computer but not a particular implementation. The basic architecture has the CPU at the core with a main memory and input/output system on either side of the CPU. A second computer configuration is the central input/output controller.'

Below the introduction, there is a link: 'To know more please click on these links:'. This is followed by four colored buttons: 'DataBase' (red), 'Performance' (orange), 'Classifications' (green), and 'Know More' (purple).



The screenshot shows a video player window with the address bar displaying 'File | E:/computer%20project/videos.html'. The video title is 'Computer Organization & Architecture Introduction'. The video content features a dark background with a glowing blue particle effect on the right side. In the center, there is a laptop icon with a gear and a wrench on its screen. Below the laptop, the text 'Computer Organization & Architecture' is written in a large, yellow, cursive font. Below that, the word 'Introduction' is written in a smaller, green, sans-serif font. At the bottom left of the video player, there is a progress bar showing '0:23 / 7:00'.