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COMPUTER SCIENCE

19/SCI01/008

CSC 104 TEST

1. ADVANTAGES OF THE INTERNET
* ACCESS TO INFORMATION AND LEARNING MATERIALS FOR STUDENTS AND RESEARCHERS
* SOURCE OF NEWS AND ENTERTAINMENT
* E-COMMERCE - JUMIA
* EASE OF COMMUNICATION IRRESPECTIVE OF DISTANCE –EMAILS, SOCIAL MEDIA
* INTERNET OF THINGS(IOT) – TO CONNECT AND INTERACT WITH DEVICES IN OUR HOME

 DISADVANTAGES OF THE INTERNET

* CYBER-CRIME, CYBER-BULLYING, FRAUD etc...
* CAUSE OF DISTRACTION AND AFFECTS THE FOCUS OF STUDENTS
* IT LEADS TO ADDICTION
* ACCESS TO PORNOGRAPHY AND OTHER VIOLENT IMAGES AND VIDEOS
* ACCESS TO FALSE INFORMATION
1. FACTORS TO CONSIDER IN BUILDING A WEBSITE
* IT SHOULD BE USER-FRIENDLY i.e. EASY TO UNDERSTAND AND USE BY ALL USERS
* THE LOOK AND FEEL OF THE WEBSITE SHOULD BE APPROPRIATE FOR USE BY ALL AGE GRADES OR JUST A PARTICULAR AGE GRADE
* EASY NAVIGATION AND USABILITY
* EFFECTIVE USE OF COLORS
* THE NAME, CONTENT AND PURPOSE OF THE WEBSITE
* REVIEWS
* SEARCH BAR
* YOUR CONTACT INFO – EMAIL ADDRESS, PHONE NUMBER

HTML IS USED TO DEFINE THE CONTENT OF THE WEB PAGES

CSS IS USED TO SPECIFY THE APPEARANCE, LAYOUT, LOOK AND FEEL OF THE WEBSITE

JAVASCRIPT IS THE PROGRAMMING LANGUAGE OF HTML AND THE WEB. IT IS USED TO PROGRAM THE BEHAVIOUR OF THE WEBPAGES

1. DIFFERNTIATING BETWEEN DYNAMIC AND STATIC WEBSITE

|  |  |
| --- | --- |
| STATIC WEBSITE | DYNAMIC WEBSITE |
| IT MAKES USE OF ONLY CLIENT-SIDE HTML AND CSS CODES | IT RELIES ON SCRIPTING LANGUAGES SUCH AS PHP AND JAVASCIRPT |
| THEY LOAD QUICKLY | IT REQUIRES MORE PROCESSING TIME SO IT TAKES TIME TO LOAD |
| IT IS EASY TO DEVELOP AND MAINTAIN | IT REQUIRES QUALFIED DEVELOPERS |
| ITS CONTENT ARE FIXED |  ITS CONTENTS CHANGE FREQUENTLY |

1. THREE WAYS CSS CAN BE USED TO STYLE HTML DOCUMENT
* INTERNAL: by using a <STYLE> element in the <HEAD>section
* INLINE: by using the style attribute in HTML elements
* EXTERNAL: by using an external CSS file
1. CREATING A TABLE

<HTML>

<HEAD><TITLE> CREATING A TABLE </TITLE></HEAD>

<BODY>

<TABLE>

<TR>

<TH>FIRST NAME</TH>

<TH>LAST NAME</TH>

<TH>AGE</TH>

</TR>

<TR>

<TD>MATTHEW</TD>

<TD>JACK</TD>

<TD>20</TD>

</TR>

<TR>

<TD>TOM</TD>

<TD>BILL</TD>

<TD>19</TD>

</TR>

<TR>

<TD>SIMS</TD>

<TD>NATHAN</TD>

<TD>35</TD>

</TR>

</TABLE>

<FORM>

EMAIL: &NBSP;<INPUT TYPE = “TEXT” NAME= “E-MAIL” ><BR>

PASSWORD: &NBSP;<INPUT TYPE = “PASSWORD” NAME= “PASSWORD”>

</FORM>

</BODY>

</HTML>