

## :: M.C.Q. ::

- What term is used to describe two or more computers that are linked to each other?  
 (a) Star connection      (b) Computer system  
**(c) Computer network**      (d) Net
- Which of the following is not described as a typical network classification?  
 (a) Local area network      (b) Wide area network  
 (c) Metropolitan area network      **(d) County area network**
- What type of network device allows you to share your connection to the Internet with other computers in your home?  
 (a) Ethernet card      (b) NIC      **(c) Router**      (d) Cat 5
- What is another name for a shared network?  
 (a) WAP      (b) Switch      (c) Broadband router      **(d) Hub**
- What type of network is commonly used in a college lab environment?  
 (a) WAN      (b) MAN      **(c) LAN**      (d) CAN
- In \_\_\_\_\_ topology, computers and other networking devices are connected to each other in a circular way.  
 (a) Bus      **(b) Ring**      (c) Star      (d) Tree
- What type of network is commonly used in an international organization?  
 (a) WAN      (b) MAN      (c) LAN      **(d) CAN**
- What is the difference between ring and bus topology?  
 (a) In Ring all nodes are connected with another in a loop while in bus they are connected to a central cable  
 (b) In Ring all nodes are connected with another loop while in bus they are connected to a central cable  
 (c) In bus all nodes are connected with another in a loop while in star they are connected to a central node  
 (d) In Bus all nodes are connected with another loop while in star they are connected to a central cable
- In OSI Model, \_\_\_\_\_ is an upper layer and \_\_\_\_\_ is a lower layer.  
 (a) 3,5      **(b) 4,5**      (c) 5,6      (d) None of Above
- What is the term used to describe the amount of space you have to transmit to and from the Internet?  
 (a) Internet speed      (b) Network speed      (c) Router      **(d) Bandwidth**
- What interface card do you need to connect to a network?  
 (a) ISP card      (b) Wireless card      (c) Router      **(d) NIC**
- Transport layer of OSI model lies between Network and \_\_\_\_\_ layer  
 (a) Application      (b) Data link      **(c) Session**      (d) Presentation
- Which of the following protocols below work in application layer?  
 (a) POP      (b) PPP      (c) FTP      **(d) Both a and b above**
- What is the size of an IP address?  
 (a) 64Bit      (b) 128Bit      (c) 16Bit      **(d) 32Bit**

15. What is the full form of URL?

- (a) Uniform routing locator
- (b) Uniform Resource locator
- (c) Universal Resource locator
- (d) Uniform router locator

16. Which one is commonly used satellite access scheme?

- (a) KDMA
- (b) FDMA**
- (c) GDMA
- (d) RDMA

17. An \_\_\_\_\_ is a computer network that uses Internet Protocol technology to share information, operational systems, or computing services within an organization.

- (a) Internet
- (b) Intranet**
- (c) Extranet
- (d) All of above

18. \_\_\_\_\_ is a subset of the website

- (a) Web Site**
- (b) Web Space
- (c) Web Portal
- (d) None of Above

19. \_\_\_\_\_ is not a generic domain.

- (a) com
- (b) gov
- (c) org
- (d) trust**

20. \_\_\_\_\_ is not a country domain

- (a) .tv**
- (b) .in
- (c) .au
- (d) .uk

### :: MODEL QUESTIONS ::

(1) What is Computer Network? Explain types of network.

(2) What is Network Topology? Explain Ring and Star Topologies briefly.

(3) Explain OSI Model briefly.

(4) Write short note on:

- (a) TCP/IP
- (b) URL
- (c) Web Portal
- (d) Domain Name System

(5) Explain VSAT with its advantages and disadvantages.

(6) Give difference between:

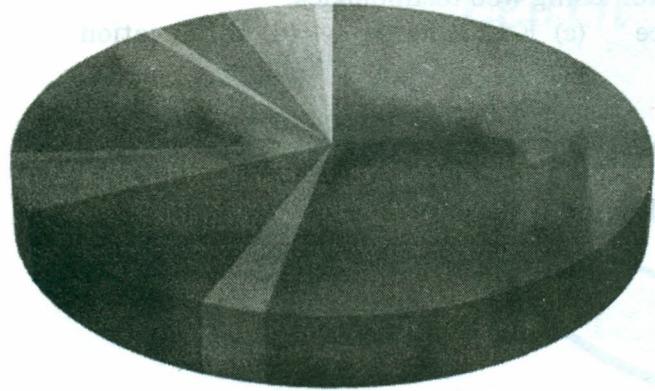
- (a) Web Portal V/s Web Site
- (b) LAN V/s MAN
- (c) Ring V/s Star
- (d) Generic domain V/s Country domain

(7) Explain Following Terms

- (a) Intranet

- (b) Internet

- (c) Extranet



■ Business-to-Business (B2B)

■ Business-to-Consumer (B2C)

■ Business-to-Employee (B2E)

■ Business-to-Government /  
Administration (B2G/B2A)

■ Business-to-Machines (B2M)

■ Business-to-Manager (B2M)

■ Consumer-to-Business (C2B)

■ Consumer-to-Consumer (C2C)

■ Consumer-to-Administration (C2A)

■ Government-to-Business (G2B)

■ Government-to-Citizen (G2C)

### DIFFERENT USAGE OF VARIOUS ELECTRONIC MODELS

#### :: M.C.Q. ::

- What does WWW Stands for \_\_\_\_\_.
  - World Web Wide
  - Wide World Web
  - Web Wide World
  - World Wide Web
- \_\_\_\_\_ is a remote login command.
  - ping
  - rlogin
  - news
  - login
- TELNET used \_\_\_\_\_ protocol for data connection.
  - TCP
  - UDP
  - IP
  - DHCP
- \_\_\_\_\_, a standard Internet protocol, is the simplest way to exchange files between computers on the Internet.
  - SMTP
  - IP
  - FTP
  - UDP
- Which one is an email protocol?
  - SMTP
  - FTP
  - UDP
  - All of above
- Username may be up to \_\_\_\_\_ characters long in email address
  - 64
  - 256
  - 32
  - 16
- \_\_\_\_\_ is not an email component.
  - Cc
  - ABC
  - Bcc
  - Subject
- \_\_\_\_\_ is an E-Governance type.
  - G2G
  - B2B
  - C2C
  - All of Above

9. \_\_\_\_\_ is the process of buying, selling, or exchanging products, services, and information via computer networks.  
 (a) E-Business    (b) E-Governance    (c) E-Commerce    (d) E-Education
10. \_\_\_\_\_ is the term used to describe the information systems and applications that support and drive business processes, most often using web technologies.  
 (a) E-Business    (b) E-Governance    (c) E-Commerce    (d) E-Education

### :: MODEL QUESTIONS ::

(1) What is Search Engine? How Search Engine Works?

(2) Write Short Note on :

- (a) WWW
- (b) FTP
- (c) Telnet Protocol
- (d) Email Address
- (e) E-Commerce Models

(3) What is an Email? How Email System Works?

(4) What is an E-Governance? Explain Scope of an E-Governance

(5) What is an E-Commerce? Explain its advantages and disadvantages

(6) Give Difference Between:

- (a) rlogin V/s telnet
- (b) POP V/s SMTP
- (c) E-Commerce V/s E-Business

## :: M.C.Q. ::

1. The language used for development of web pages is  
 (a) JavaScript      (b) **HTML**      (c) CSS      (d) None of the Above
2. Extension of HTML file is  
 (a) .htm      (b) .js      (c) All of above      (d) None of above
3. Which is not a basic HTML tag?  
 (a) <body>      (b) <head>      (c) <html>      (d) <title>
4. Which one is a common attributes of an HTML tag  
 (a) title      (b) bgcolor      (c) width      (d) align
5. \_\_\_\_\_ is not a Text Formatting Tag  
 (a) <BIG>      (b) <SUP>      (c) <OL>      (d) <TT>
6. The term HREF expands to  
 (a) Hypertext Refer  
 (b) Hyper Reference  
 (c) **Hypertext Reference**  
 (d) None of the above
7. What is the <br> tag for?  
 (a) Space  
 (b) Paragraph Break  
 (c) **Line Break**  
 (d) Word Break
8. What is the attribute for <image> tag?  
 (a) pt      (b) url      (c) path      (d) src
9. Each list item in an ordered or unordered list has which tag?  
 (a) list tag      (b) ls tag      (c) li tag      (d) ol tag
10. Which of the following tags below are used for a multi-line text input control?  
 (a) textarea tag      (b) textml tag      (c) text tag      (d) none of above
11. Which of the following attributes below are used for a font name?  
 (a) fontname      (b) fn      (c) font      (d) face
12. What attribute is used to specify number of rows?  
 (a) rowspan      (b) rownum      (c) rownumber      (d) rn
13. For Frames in HTML, how do you specify the rest of the screen?  
 (a) Using &      (b) Using \$      (c) Using \*      (d) Using #
14. <blink> effect can't support \_\_\_\_\_ browser  
 (a) FireFox      (b) Netscape      (c) Chrome      (d) **Internet Explorer**
15. Which HTML code is used for copywrite?  
 (a) &nbsp      (b) &copy      (c) &cent      (d) &amp

## :: MODEL QUESTIONS ::

- (1) Explain Basic Structure of an HTML.
- (2) Explain any five text formatting tags.
- (3) Write short note on :  
 (a) Special Character Codes  
 (b) Linking in HTML  
 (c) Six levels of Heading

(4) Give Difference between:

- (a) <OL> V/s <UL>
- (b) <BR> V/s <P>
- (c) Hyperlink V/s Bookmark

(5) Write an HTML code for following :

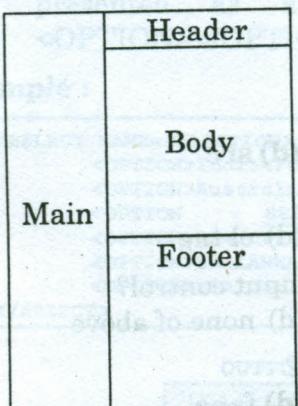
- (a) Create Following Output Using <TT> :

```
This is
pre-formatting
text
effect
```

- (b) Create Table

1	2	3
4		
5	6	8
	7	

- (c) Create Frame :



### :: MODEL QUESTIONS ::

**:: M.C.Q. ::**

1. What does CSS Stand for?  
(a) Creative Style Sheet  
(c) Computer Style Sheet  
(b) Colorful Style Sheet  
(d) **Cascading Style Sheet**
2. \_\_\_\_\_ helps Web developers create a uniform look across several pages of a Web site.  
(a) CSS  
(b) JavaScript  
(c) HTML  
(d) All of the above
3. Which one is true statement?  
(a) `h1 { color:blue; font-family:arial;Helvetica;"sans serif"; }`  
(b) `h1 { color:blue; font-family:arial,helvetica,"sans serif" }`  
(c) `h1 { color:blue, font-family:arial,helvetica,"sans serif" }`  
(d) `h1 { color:blue, font-family:arial,helvetica,sans serif }`
4. Which is style sheet type?  
(a) Inline  
(b) Embedded  
(c) External  
(d) **All of the above**
5. Where to Create Embedded Style Sheet?  
(a) inside the <HEAD> tag  
(c) inside the .css file  
(b) inside the <BODY> tag  
(d) None of the above
6. \_\_\_\_\_ style sheet is a separate file (called it ".css" file) where you can declare all the styles that you want to use throughout your website.  
(a) Inline  
(b) Embedded  
(c) **External**  
(d) All of the above
7. IDs always start with \_\_\_\_\_ followed by the ID Name.  
(a) \*  
(b) #  
(c) &  
(d) @
8. What is the correct HTML for referring to an external style sheet?  
(a) `<link rel="stylesheet" type="text/css" href="mystyle.css">`  
(b) `<stylesheet>mystyle.css</stylesheet >`  
(c) `<style src="mystyle.css" />`  
(d) None of the above
9. The \_\_\_\_\_ selector is used to specify a style for a single, unique element  
(a) class  
(b) id  
(c) text  
(d) bit
10. \_\_\_\_\_ property specifies an image to use as the background of an element  
(a) backg-img  
(b) backg-image  
(c) background-img  
(d) **background-image**
11. The \_\_\_\_\_ property is mostly used to remove underlines from links  
(a) text-trans  
(b) text-transformation  
(c) **text-decoration**  
(d) text-deco
12. \_\_\_\_\_ property can be used Increase or decrease the space between words  
(a) space  
(b) **word-spacing**  
(c) word-space  
(d) All of the above
13. The \_\_\_\_\_ properties allow you to specify the style and color of an element's border.  
(a) tbl-border  
(b) table-border  
(c) tb-border  
(d) **border**
14. Which of the below is the correct way to set a background image?  
(a) `body {background-image:url(paper.gif);}`  
(b) `body {background-image:url('paper.gif'));`  
(c) `body {background-image:url('paper.gif')}`  
(d) `body {background-image:url('paper.gif);}`

15. Which of the below is the correct way to set a font size?

- (a) `h2 {font-size:200%;}`  
 (b) `h2 {font-size:200px;}`  
 (c) both a and b above  
 (d) `h2 {font-size:200;}`

Output

## :: MODEL QUESTIONS ::

(1) What is CSS? Explain its types.

(2) Write short note on: CSS Selectors

(3) Explain any three Font properties in CSS

(4) Explain any three List properties in CSS

(5) Difference between :

- (a) Class V/s ID  
 (b) Internal CSS V/s External CSS

(6) Write CSS code for following:

Font: Family: Arial Black  
 Font Color: Red  
 Font Size: small  
 Font weight: 500

Above properties apply on: Hello World

(7) Write CSS code for creating following list:

- o first item
- o second item
- o third item
- o last item

(8) Write CSS code for following :

test

Example

Try it yourself → `<p>Test</p>` Try it yourself → `border-left-color: red;`

► CSS border-left-color property example test (d)

The CSS border-left-color property allows you to set the color of a left border.

Note : You will need to specify border-style before border-left-color property. You can also avoid it to H1 (c) border-bottom (d) border-left (a) border-right (b) border-top (e) border (f)

Syntax → `border-left-color: <value>`

Value → colors → red blue green black white transparent

Example → `border-left-color: red;`

Result → `<p>Test</p>`

Applies to → All elements

Example → `div, h1, p {border-left: 2px solid red;}`

Try it yourself → `<style>body {background-color: #f0f0f0;}</style><div>Test</div>`

Result → `<div>Test</div>`

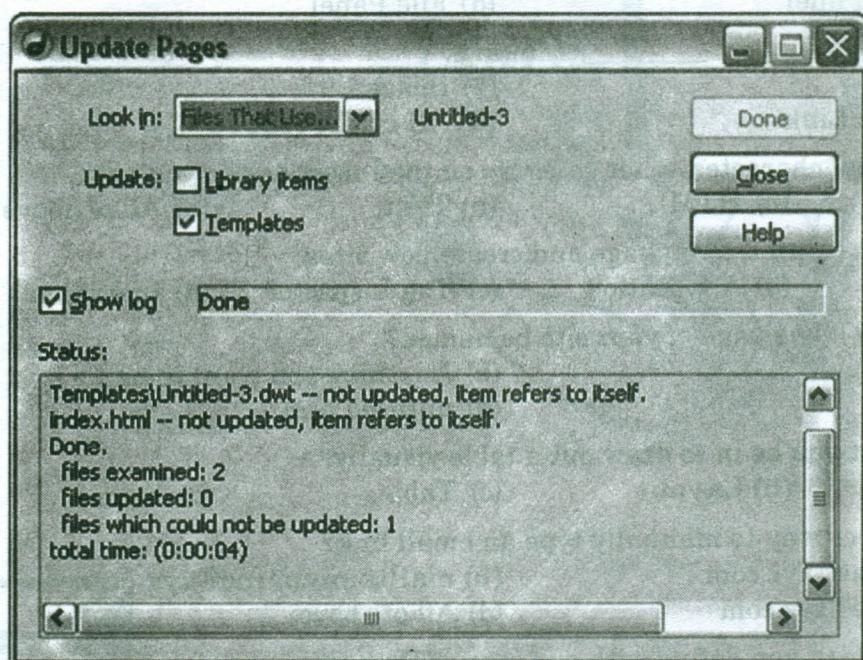
Applies to → All elements

Example → `div, h1, p {border-left: 2px solid red;}`

Try it yourself → `<style>body {background-color: #f0f0f0;}</style><div>Test</div>`

Result → `<div>Test</div>`

Dreamweaver MX will then proceed to update all pages accordingly, and will return to you a status report, detailing the number of pages updated, and if any could not be updated.



### Update Template log

Once you update a template, be sure to synchronize with the remote site so that you don't lose the changes you made to your template later on.

**Warning :** If you have a page open, be sure to save and close it so that changes made to a template can be applied to that page.

### :: M.C.Q. ::

1. WYSIWYG Stands for \_\_\_\_\_.
 

(a) Why You See Is Why You Get	(b) What You See Is What You Get
(c) Which You See Is Which You Get	(d) When You See Is When You Get
2. When you open Dreamweaver MX the very first time, Dreamweaver MX \_\_\_\_\_ dialog box will appear.
 

(a) Text	(b) View	(c) Workspace	(d) File Panel
----------	----------	---------------	----------------
3. \_\_\_\_\_ is not a Dreamweaver MX view.
 

(a) Code View	(b) Print View	(c) Design View	(d) Code & Design View
---------------	----------------	-----------------	------------------------
4. To view and change current formatting for selected objects or text, you would use:
 

(a) Insert bar	(b) Property Inspector
(c) File Panel	(d) None of above
5. \_\_\_\_\_ provides you to view and change a variety of properties for the selected object like text, image or a table.
 

(a) Insert bar	(b) File Panel
(c) Property Inspector	(d) None of above

6. \_\_\_\_\_ is not a valid panel in Dreamweaver MX.  
 (a) Design Panel                          (b) Sort Panel  
 (c) Application Panel                    (d) File Panel
7. Dreamweaver MX support \_\_\_\_\_ Linking.  
 (a) Text Link                              (b) Image Link  
 (c) Other Media Link                    (d) All of the Above
8. To insert a special character, what category on the Insert bar do you use?  
 (a) Common                                (b) HTML                              (c) Text                              (d) All of above
9. Which panel can be used to manage and create new sites?  
 (a) Files                                    (b) Application                            (c) Tag Inspector                    (d) Insert bar
10. What should the home page of your site be named?  
 (a) home.html                             (b) Anything you want to name it  
 (c) index.html                            (d) untitled.htm
11. Which view must you be in to draw out a table visually.  
 (a) Standard                              (b) Layout                                (c) Table                              (d) Frame
12. What is the proper way to manually type an email link?  
 (a) email:myname@xyz.com                (b) mailto:myname@xyz.com  
 (c) mail:myname@xyz.com                    (d) All of above
13. How many Sites can you define with one copy of Dreamweaver installed on your computer?  
 (a) Unlimited                              (b) 2                                    (c) 10                                    (d) 999
14. What do you add to a template in order to control where page content goes?  
 (a) Text Frames                            (b) HTML Controllers  
 (c) Editable Regions                      (d) Page Content Controllers
15. Which of the following is NOT a Page Property?  
 (a) Title                                    (b) Tracing Image  
 (c) Background color                      (d) CSS Styles

### :: MODEL QUESTIONS ::

- (1) What is Dreamweaver? Explain Default workspace layout of Dreamweaver.
- (2) Write Short Notes on :
  - (a) Different Views
  - (b) Insert Bar
  - (c) Property Inspector
  - (d) Page Properties
  - (e) Text Properties
  - (f) File Upload Tool
- (3) What is linking? Explain Linking Types in Dreamweaver.
- (4) Steps to upload sites via Dreamweaver.
- (5) What is Templates? Explain editable and non-editable region with template.

<b>setFullYear()</b>	Sets the year in a Date object (four digits)
<b>setYear()</b>	Sets the year in the Date object (two or four digits). Use setFullYear() instead !!
<b>setHours()</b>	Sets the hour in a Date object (from 0-23)
<b>setMinutes()</b>	Set the minutes in a Date object (from 0-59)
<b>setSeconds()</b>	Sets the seconds in a Date object (from 0-59)
<b>setMilliseconds()</b>	Sets the milliseconds in a Date object (from 0-999)
<b>toString()</b>	Converts a Date object to a string

➤ **Various Date functions of Java Script.**

- ❖ **Date()** : to return Current Date and Time.

**Syntax :** `Date([mmmm dd, yyyy HH:MM:SS]);`

**Example :** `<SCRIPT type="text/javascript">
document.write(Date());
</SCRIPT>`

**Output :** `Mon May 14 16:18:17 2012`

➤ **getDate()** : to return Day of Month.

**Syntax :** `getDate();`

**Example 1 :** `<SCRIPT type="text/javascript">
document.write(Date());
</SCRIPT>`

**Output :** `5`

**Example 2 :** `<SCRIPT type="text/javascript">
var bdt=new Date(April 21, 2004 01:30:00);
document.write(Date());
</SCRIPT>`

**Output :** `4`

### :: M.C.Q. ::

1. What language defines the behavior of a web page?  
 (a) HTML      (b) JavaScript      (c) CSS      (d) XML
2. What is the alternate name for Java script?  
 (a) LimeScript      (b) ECMAScript      (c) ECMA-Script      (d) LineScript
3. An action that can be performed by an object means \_\_\_\_\_.  
 (a) Object      (b) Property      (c) Value      (d) Method
4. Why so Java and Java Script have similar name?  
 (a) Java Script is a stripped-down version of Java  
 (b) The syntax of Java is loosely based on Java syntax  
 (c) They both support Object Oriented Programming  
 (d) None of the above
5. Which of the following is correct to write "Hello World" on the web page?  
 (a) System.out.println("Hello World")      (b) print("Hello World")  
 (c) document.write("Hello World")      (d) response.write("Hello World")

6. To insert a JavaScript into an HTML page, which tag is used?  
 (a) < script > (b) < script='java'> (c) < javascript> (d) < js>
7. \_\_\_\_\_ is not a primitive data type in JavaScript.  
 (a) number (b) null (c) string (d) boolean
8. \_\_\_\_\_ is a special data type in JavaScript.  
 (a) number (b) string (c) default (d) boolean
9. Which of the following syntax is correct to refer an external script called "formValidation.js"?  
 (a) < script href = "formValidation.js"> (b) < script source = "formValidation.js">  
 (c) < script name = "formValidation.js"> (d) < script src = "formValidation.js">
10. What is the purpose of <noscript> tag in Java Script?  
 (a) Prevents scripts on the page from executing.  
**(b) Enclose text to be displayed by non-JavaScript browsers**  
 (c) Suppresses the result to be displayed on the web page  
 (d) None of the above
11. Java Script entities start with \_\_\_\_\_ and end with \_\_\_\_\_.  
 (a) Semicolon, colon (b) Semicolon, Ampersand  
 (c) Ampersand, colon (d) Ampersand, semicolon
12. Which of the below is used in Java script to insert special characters?  
 (a) & (b) \ (c) - (d) %
13. Which of the following is not a valid JavaScript variable name?  
 (a) 2java (b) \_java\_and\_java\_names  
 (c) Javaandjava (d) None of the above
14. Which of the following statements are false for Java script?  
**(a) Variable names are not case sensitive**  
 (b) Variable names must begin with a letter or the underscore character  
 (c) Var is used to declare a variable  
 (d) Both (b) and (c) above
15. Which is the correct way to write a JavaScript array?  
 (a) var txt = new Array(1:"arr",2:"kim",3:"jim")  
 (b) var txt = new Array:1=(" arr ")2=("kim")3=("jim")  
**(c) var txt = new Array("arr ","kim","jim")**  
 (d) var txt = new Array=" arr ","kim","jim"
16. \_\_\_\_\_ converts a string to integer or float value.  
 (a) isNaN() (b) parseInt (c) eval() (d) parseFloat
17. \_\_\_\_\_ is not a valid JavaScript keyword.  
 (a) break (b) this (c) var (d) nil
18. \_\_\_\_\_ takes the last element off the end of an array  
 (a) push() (b) pop() (c) join() (d) shift()
19. \_\_\_\_\_ is used to request a value from the user.  
 (a) Alert Box (b) Confirm Box (c) Prompt Box (d) All of Above
20. Which of the following are capable of Java Script functions?  
 (a) Returning multiple values (b) Accepting parameters and returning values  
**(c) Accepting parameters** (d) All of the above

**:: MODEL QUESTIONS ::**

- (1) What is Server? How Server-side Programming works?
- (2) What is JavaScript? Explain features, Advantages and Disadvantages of JavaScript.
- (3) Write Short note on :
  - (a) Explain <Script> tag
  - (b) Data Types in JS
  - (c) Arrays in JavaScript
  - (d) Life-Cycle of a variable in JS
  - (e) Dialog Boxes
- (4) What is type conversion? Explain Type Conversion Functions in JavaScript.
- (5) Write a program to create function interest( ) and to calculate and print Simple Interest.
  
- (6) Write a program to input Employee name, basic salary and calculate and print following things...  

```
TA= Rs.300 Fixed  
DA = 2% of basic Salary  
IT = 5% of (Basic+TA+DA)  
NetSalary = (Basic+TA+DA) - IT
```
- (7) Write a program to input year and print leap year or not.
- (8) Write a program to input n digit value and print sum of n digit value  
**Example 1 :**      **Example 2 :**  

Input: 123	Input: 6789
Result = 6	Result = 30
- (9) Write a program to input a character and print inputted character is Vowel or Not.
- (10) Give difference between:
  - (a) JavaScript V/s Java
  - (b) JavaScript V/s VBScript
  - (c) Server-Side Scripting V/s Client-Side Scripting