**MCQ'S :**

MCQ from MileStone1:

**1. Which of the following are incremental development models ?**

1. Prototyping

2. V Model

3. Rapid Action Development (RAD)

4. Agile Development

5. Rational Unified Process (RUP)

6. Waterfall Model

i) 1,2,4

ii) 1,3,4,5

iii) 1,2,3,4,5

iv) All of the above

**2.**  **What does the following C# code snippet specify?**

*public Thread(ThreadStart start)*

i) Defines a Thread

ii) Declaration of a Thread Constructor

iii) Only Defines a Thread

iv) Only Defines a Thread & Declaration of a Thread Constructor

**3. What is the process by which we can control the parts of a program that can access the members of a class ?**

i) Polymorphism

ii) Abstraction

iii) Encapsulation

iv) Recursion

**Code Challenging :**

1. **Write a HTML code to add rows to a table.**

**Sample code:**

<!DOCTYPE html>

<html><head>

<meta charset=utf-8 />

<title>Insert row in a table - w3resource</title>

</head><body>

<table id="sampleTable" border="1">

<tr><td>Row1 cell1</td>

<td>Row1 cell2</td></tr>

<tr><td>Row2 cell1</td>

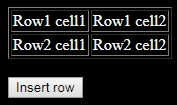
<td>Row2 cell2</td></tr>

</table><br>

<input type="button" onclick="insert\_Row()" value="Insert row">

</body></html>

**Sample output:**



**2. Create a Table and Write a query to get the department name and number of employees in the department.**

**CODE:**

**SELECT department\_name AS 'Department Name',**

**COUNT(\*) AS 'No of Employees'**

**FROM departments**

**INNER JOIN employees**

**ON employees.department\_id = departments.department\_id**

**GROUP BY departments.department\_id, department\_name**

**ORDER BY department\_name;**

**Sample Output:**

Department Name No of Employees

Accounting 2

Administration 1

Executive 3

Finance 6

Human Resources 1

IT 5

Marketing 2

Public Relations 1

Purchasing 6

Sales 34

Shipping 45

**3. Write a C# Sharp program to display the Day properties (year, month, day, hour, minute, second, millisecond etc.)**

**Sample Solution**:-

using System;

public class Example2

{

public static void Main()

{

System.DateTime moment = new System.DateTime(2016, 8, 16, 3, 57, 32, 11);

Console.WriteLine("year = " +moment.Year);

Console.WriteLine("month = " +moment.Month);

Console.WriteLine("day = " +moment.Day);

Console.WriteLine("hour = " +moment.Hour);

Console.WriteLine("minute = " +moment.Minute);

Console.WriteLine("second = " +moment.Second);

Console.WriteLine("millisecond = " +moment.Millisecond);

}

}

**Sample output:**

year = 2016

month = 8

day = 16

hour = 3

minute = 57

second = 32

millisecond = 11