**MCQ**

**MILESTONE-1**

1.The tag block that is used for the ordered list in HTML5 is?

a.<ul> b.<li> c.<ol> d.<br>

**Ans:C**

2.write a HTML code to create a form that should not have border and create a button when the button is clicked that value in the text field should be displayed in the alert.

**Ans:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<meta http-equiv="X-UA-Compatible" content="ie=edge">

<title>Document</title>

<script>

validateForm=()=>{

var name=document.getElementById("name").value;

alert("Welcome "+name);

}

</script>

<style>

input[type="text"]{

border: none;

}

</style>

</head>

<body>

<form>

<label for="name"><b>Name</b></label>

<input type="text" placeholder="Enter Name" id="name" />

<button type="button" onclick="validateForm()">

Check

</button>

</form>

</body>

</html>

**MILESTONE-2**

1.Which operator performs pattern matching?

a.BETWEEN operator b.LIKE operator c.EXISTS operator d.None of these

**Ans:B**

2.Using SQL create one table named as Employee with attributes as EmpID,EmpName,DeptID,DeptName.Insert some values to the table and later change the column name EmpID to EmployeeID.

**Ans:**

create database EmployeeDB;

create table Employee

(EmpId int ,

EmpName varchar(50),

DeptID int,

DeptName Varchar(50));

insert into Employee values(101,'John Snow',008,'Admin');

insert into Employee values(102,'Arya stark',002,'Marketing');

insert into Employee values(103,'Hodor',005,'Sales');

insert into Employee values(104,'kings landings',007,'Production');

Select \* from Employee;

sp\_rename "Employee.EmpID","EmployeeID","column";

select \* from Employee;

**MILESTONE -3**

1. What will be the output of the following C# code snippet?

**class** Program

{

**static** **void** Main(**string**[] args)

{

**int**[] nums = { 1, -2, 3, 0, -4, 5};

**var** posNums = **from** n **in** nums

**where** n >= 0

**select** n;

**foreach** (**int** i **in** posNums)

Console.Write(i + " ");

Console.WriteLine();

Console.ReadLine();

}

}

a.  0, 1, -2, -4, 5 b. 1, 3, 0, 5 c. 1, 3, 5 d. Run time error

**Ans:B**

2.Write a CSharp program using single Generic method (Add) that will add two numbers of different data type(i.e Integer,string,Double,Float).

class Program

{

static void Main(string[] args)

{

void Add<T>(ref T c,ref T d)

{

dynamic e = c;

dynamic f = d;

dynamic s = e + f;

Console.WriteLine("The addition of two numbers {0} and {1} is {2}", e, f,s);

}

Console.WriteLine("Enter the Datatype that you are going to enter");

Console.WriteLine(" 1.Int 2.String 3.Double 4.Float");

int opt = Int32.Parse(Console.ReadLine());

Console.WriteLine("Enter the First value :");

if (opt == 1)

{

int a = Int32.Parse(Console.ReadLine());

Console.WriteLine("Enter the Second value :");

int b = Int32.Parse(Console.ReadLine());

Add<int>(ref a, ref b);

}

else if (opt == 2)

{

string a = Console.ReadLine();

Console.WriteLine("Enter the Second value :");

string b = Console.ReadLine();

Add<String>(ref a, ref b);

}

else if (opt == 3)

{

double a = double.Parse(Console.ReadLine());

Console.WriteLine("Enter the Second value :");

double b = double.Parse(Console.ReadLine());

Add<Double>(ref a, ref b);

}

else

{

float a = float.Parse(Console.ReadLine());

Console.WriteLine("Enter the Second value :");

float b = float.Parse(Console.ReadLine());

Add<float>(ref a, ref b);

}

}

}