***MILESTONE 1---***

***MCQ--***

***Q) Which testing is the re-execution of some subset of tests that already been conducted to ensure the changes that are not propagated?***

a) Unit Testing

b)Regression Testing

c)Integration Testing

d)Thread-based Testing

***CODE CHALLENGE--***

***Q)Create a login page using HTML ,CSS AND JAVASCRIPT and  checks whether the password and username are matching or not.***

<!doctype html>

<html>

<head>

<meta charset="utf-8">

<title>

Login page

</title>

<style>

body

{background-image: url("image.jpg");

background-repeat: no-repeat;

background-attachment: fixed;

background-size: cover;

}

</style>

</head>

<body>

<h1 style="font-family:Comic Sans Ms;text-align="center";font-size:20pt;

color:blue;>

Please enter your username and password

</h1>

<form name="login">

Username<input type="text" name="userid"/></br>

Password<input type="password" name="pswrd"/></br>

<input type="button" onclick="check(this.form)" value="Login"/>

<input type="reset" value="Cancel"/>

</form>

<script language="javascript">

function check(form)

{

if(form.userid.value == "myuserid" && form.pswrd.value == "mypswrd")

{

window.open('target.html')

}

else

{

alert("Error Password or Username")

}

}

</script>

</body>

</html>

***MILESTONE 2---***

***MCQ--***

***Q) which join refers to join records from the right table that have no matching key in the left table are include in the result set?***

a) Left Outer Join

b) Right Outer Join

c) Inner Join

d) Full join

***CODE CHALLENGE--***

***Q) Perform inner join between products and categories table***

select p.productid,p.productname,p.unitprice,p.quantityperunit,c.categoryid,c.Categoryname from products p inner join categories c on p.categoryid=c.categoryid

***MILESTONE 3---***

***MCQ--***

|  |
| --- |
| ***Which of the following statements is valid about advantages of generics?*** |
| |  |  | | --- | --- | | a) | Generics shift the burden of type safety to the programmer rather than compiler. | | b) | Generics require use of explicit type casting. | | c) | Generics provide type safety without the overhead of multiple implementations. | | d) | None of the above. | |

***CODE CHALLENGE--***

***Q)Create a Employee class with properties like empid ,empname, deptname. Give inputs using collection and show the details of employees as output.***

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Collections;

namespace employeecollection

{

class Program

{

static void Main(string[] args)

{

employee emp1 = new employee() {empid= 1, empname="John", deptname="tech" };

employee emp2 = new employee() { empid = 2, empname = "Ricky", deptname = "manager" };

employee emp3 = new employee() { empid = 3, empname = "Mike", deptname = "admin" };

List<object> a = new List<object>();

a.Add(emp1);

a.Add(emp2);

a.Add(emp3);

foreach (employee emp in a)

{

Console.WriteLine("empid={0} empname={1} deptname ={2}", emp.empid, emp.empname, emp.deptname);

}

Console.ReadKey();

}

}

public class employee

{

public int empid

{

get;

set;

}

public string empname

{

get;

set;

}

public string deptname

{

get;

set;

}

}

}