1**>SQL:**

a> **Write an SQL query to find nth largest salary along with employee name**

SELECT \*

FROM Employee\_Test Emp1

WHERE ( n ) = (

SELECT COUNT( DISTINCT ( Emp2.Employee\_Salary ) )

FROM Employee\_Test Emp2

WHERE Emp2.Employee\_Salary >= Emp1.Employee\_Salary

b> **Write a query to update salary of employees to 5000 whose age is 30+**

UPDATE employees SET Salary =5000 where age> 30;

2**> Test Scenarios:**

1> Ensure that Admin is able to add coupon code.

2> Ensure that users other than Admin does not have the permission to add coupon codes.

3> Ensure that Admin can add coupon code through Store Administration-->Coupons--->Add new Coupon.

4>Ensure that Admin is able to add coupon code by directly open the node id  
eg: sitename/Admin/store/coupons/add

5> Ensure that error message will be displayed if mandatory fields leaves empty.

6>Ensure that Admin is able to add Coupon Name.

7>Ensure that Admin is able to add Coupon Code.

8>Ensure that Admin is able to select Payment information required field.

9>Ensure that if Payment information required field is selected, error message will be displayed if we apply applying coupon code for products which doesn't contain payment information.

10>Ensure that Admin is able to generate bulk coupon codes.

11>Ensure that Admin is able to select number of coupon codes to be generated.

12>Ensure that Admin is able to select the code length.

13>Ensure that Admin is able to select coupon code as active/inactive.

14>Ensure that Admin is able to add discount as Fixed price discount.

15> To Ensure that minimum transaction of rs.1000 and promo code is valid for 30%

16>Promo code applied is valid only for specific time NEW30

17>Ensure that error message will be displayed after the maximum redemptions per code.

18>Ensure that Admin is able to select Maximum number of redemptions (per user).

19>Ensure that error message will be displayed after the maximum redemptions per user.

20>Ensure that Admin is able to select the Minimum Order limit [minimum amount for discount to apply].

21>Ensure that error message will be displayed after the maximum redemptions per user.

22>Ensure that Admin is able to select the Minimum order quantity [Minimum order quantity for discount to apply].

23>Ensure that error message will be displayed after the Minimum order quantity.

24>Ensure that Admin is able to select the Applicable product classes.

25>Ensure that error message will be displayed for other than the Applicable product classes.

26>Ensure that Admin is able to select the Applicable products.

**3> Program: CODING**

=======================================

Class Primenumberdemo

Public static void main (string[])

{

Int n;

Int status =1;

Int num=3;

System.out.println(“First 100 prime numbers are:”);

System.out.println(2);

For (int i=2; i<=100 ;)

{

For (int j=2; j<=Math.sqrt(num);j++)

{

If (num%j==0)

{

Status =0;

Break;

}

}

If (status!=0)

{

system.out.println(sum);

I++;

}

status=1;

Num++;

}  
}

}

**Test cases:**

1>Let the prime number be n

2>Divide the number n by 1 remainder =0 pass

3>divide the number n by n remainder =0 pass

4>divide the number n by 2 remainder!=0 pass

5> divide the number n by up to n-1 and if remainder not equal to 0, then its prime number

6>field area should take only negative value

7> number should not contain fraction or decimal

8>number should not contain any decimal number

9>number should be divisible by 1

**4 > API AUTOMATION**

1> Status code:

================

package getRequest;

import org.openqa.selenium.remote.Response;

import org.testng.Assert;

import org.testng.annotations.Test;

import io.restassured.RestAssured;

public class movie {

@Test

public void testResponseCode()

{

Response resp=(Response) io.restassured.RestAssured.get("https://apiproxy.paytm.com/v2/movies/upcoming “);

int code=resp.getStatus();

System.out.println("Status code" +code);

Assert.assertEquals(code, 200);

}

@Test

public void testbody()

{

io.restassured.response.Response resp=io.restassured.RestAssured.get("https://apiproxy.paytm.com/v2/movies/upcoming ); String data=resp.asString();

System.out.println("data is" +data);

System.out.println("Response time" +resp.getTime());

}

}