Ques 1

import java.util.Scanner;

public class Print {

public static void main (String [] args)

{

System.out.println("Enter the number till which you want digits");

Scanner sc = new Scanner(System.in);

int n= sc.nextInt();

for(int i=1;i<=n;i++)

System.out.print(i +" ");

sc.close();

}

}

Ques 2

import java.util.Scanner;

public class Print {

public static void main (String [] args)

{

System.out.println("Enter the number till which you want digits");

Scanner sc = new Scanner(System.in);

int n= sc.nextInt();

int sum =0;

for(int i=1;i<=n;i++)

sum+=i;

System.out.println("Sum is "+ sum);

sc.close();

}

}

Ques 3

import java.util.Scanner;

public class Print {

public static void main (String [] args)

{

System.out.println("Enter a positive integer");

Scanner sc = new Scanner(System.in);

int n= sc.nextInt();

if(n<0)

{

System.out.println("Please enter a positive integerr");

return ;

}

for(int i=1;i<=10;i++)

{

System.out.println(n + "\*"+i+"="+ n\*i);

}

sc.close();

}

}

Ques 4

import java.util.Scanner;

public class Print {

public static void main (String [] args)

{

System.out.println("Enter a positive integer");

Scanner sc = new Scanner(System.in);

int n= sc.nextInt();

int fact=1;

if(n<0)

{

System.out.println("Please enter a positive integerr");

return ;

}

while(n!=1)

{

fact\*=n;

n--;

}

sc.close();

System.out.println(fact);

}

}

Ques 5 Done in ques 1

Ques 6

import java.util.Scanner;

public class Print {

public static void main (String [] args)

{

System.out.println("Enter a positive integer");

Scanner sc = new Scanner(System.in);

int n= sc.nextInt();

for(int i =n;i>=1;i--)

System.out.print(i+ " ");

sc.close();

}

}

Ques 7

public class Print {

public static void main (String [] args)

{ int sum=0;

for(int i =0;i<=100;i++)

{

if(i%2==0)

sum+=i;

}

System.out.println("Sum is "+sum);

}

}

Ques 8

public class Print {

public static void main (String [] args)

{ int sum=0;

for(int i =100;i>=1;i--)

{

if(i%2==1)

sum+=i;

}

System.out.println("Sum is "+sum);

}

}

Ques 9

public class Print {

public static void main (String [] args)

{ int sum=0;

for(int i =50;i<=1000;i++)

{

if(i%2==0)

sum+=i;

}

System.out.println("Sum is "+sum);

}

}

Ques 10

public class Print {

public static void main (String [] args)

{ int sum=0;

for(int i =50;i<=1000;i++)

{

if(i%2==1)

sum+=i;

}

System.out.println("Sum is "+sum);

}

}

**AVERAGE LEVEL**

Ques 1

public class Print {

public static void main (String [] args)

{

for(int i =2;i<=10;i++)

{

for(int j=1;j<=10;j++)

{

System.out.print(i +"\*" +j+"="+i\*j );

}

System.out.println();

}

}

}

Ques 2

import java.util.\*;

public class Print {

public static void main (String [] args)

{

Scanner sc = new Scanner(System.in);

System.out.println("Enter the numbers between which you want to print tables");

int x = sc.nextInt();

int y= sc.nextInt();

for(int i =x;i<=y;i++)

{

for(int j=1;j<=10;j++)

{

System.out.print(i +"\*" +j+"="+i\*j );

}

System.out.println();

}

}

}

Ques 3

import java.util.\*;

public class Print {

public static void main (String [] args)

{

Scanner sc = new Scanner(System.in);

System.out.println("Enter the numbers against which you want to check divisibility");

int x = sc.nextInt();

int y= sc.nextInt();

for(int j=1;j<=100;j++)

{

if(j%x==0 && j%y==0)

System.out.println(j+" ");

}

}

}

Ques 4 - Same as ques 3

Ques 5

public class Print {

public static void main (String [] args)

{

int j;

for(j=10;j>=1;j--)

{

System.out.println(2\*j);

}

}

}

Ques 6

public class Print {

public static void main (String [] args)

{

int j;

for(j=1;j<=10;j++)

{

System.out.println(2\*j);

}

}

}

Ques 7

import java.util.Scanner;

public class Print {

public static void main (String [] args)

{

Scanner sc= new Scanner(System.in);

System.out.println("Enter a number");

int num = sc.nextInt();

int temp = num;

int arm =0;

while(num!=0)

{

int rem= num%10;

arm= arm+(rem\*rem\*rem);

num=num/10;

}

if(arm==temp)

System.out.println("Armstrong");

else

System.out.println("Not Armstrong");

}

}

7.b

import java.util.Scanner;

public class Print {

public static void main (String [] args)

{

Scanner sc= new Scanner(System.in);

System.out.println("Enter a number");

int num = sc.nextInt();

int temp = num;

int rev =0;

while(num!=0)

{

int rem= num%10;

rev= rev\*10+rem;

num=num/10;

}

if(rev==temp)

System.out.println("Palindrom");

else

System.out.println("Not Palindrome");

}

}

Ques 8

import java.util.Scanner;

public class Print {

public static void main (String [] args)

{

Scanner sc= new Scanner(System.in);

System.out.println("Enter a number");

int num = sc.nextInt();

int fact =1;

while(num!=0)

{

fact = fact\*num;

num--;

}

System.out.println("Factoiral is " +fact);

}

}

Ques 11

import java.util.Scanner;

public class Lucky\_number {

public static void main(String[] args) {

System.out.println("Enter a numbre");

Scanner sc = new Scanner(System.in);

int n= sc.nextInt();

int temm= n;

int count=0;

while(temm!=0)

{

temm/=10;

count++;

}

if(count!=4)

{System.out.println("Invalid Number");

return ;

}

if(n%7==0 ||n%3==0 ||n%5==0)

System.out.println("Lucky number");

else

System.out.println("Not Lucky number");

}

}