Ques 1 - ques 7 = Done previously in various forms and formats

Ques 8

import java.util.Scanner;

public class Ques {

public static void main(String args[])

{

System.out.println("Enter any number and the power you want respectively");

Scanner sc= new Scanner(System.in);

int n= sc.nextInt();

int p= sc.nextInt();

int ans=1;

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

{

ans\*=n;

}

System.out.println("The answer is "+ans);

}

}

Ques 9

import java.util.Scanner;

public class Ques {

public static void main(String args[])

{

System.out.println("Enter the 2 angles of traingle ");

Scanner sc= new Scanner(System.in);

int p= sc.nextInt();

int q= sc.nextInt();

if(p <=0 ||q<=0 || p>=179||q>=179)

{

System.out.println("Invalid angles");

return;

}

int sum=180;

int r= sum-(p+q);

System.out.println("The answer is "+r+" degrees");

}

}

Ques 10

import java.util.Scanner;

public class Ques {

public static void main(String args[])

{

System.out.println("Enter the marks of 5 subjects ");

Scanner sc= new Scanner(System.in);

int[] a= new int[5];

for(int i=0;i<5;i++)

{

a[i]= sc.nextInt();

}

double sum=0;

System.out.print("The total is ");

for(int i:a)

sum+=i;

System.out.println(sum);

double avg= sum/5;

double per= avg;

System.out.println("The average is "+avg);

System.out.println("The percentage is "+per);

}

}

Ques 11

import java.util.Scanner;

public class Ques {

public static void main(String args[])

{

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

Scanner sc= new Scanner(System.in);

int n= sc.nextInt();

System.out.println("Even numbers are");

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

{

if(i%2==0)

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

}

}

}

Ques 12

import java.util.Scanner;

public class Ques {

public static void main(String args[])

{

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

Scanner sc= new Scanner(System.in);

int n= sc.nextInt();

int count =0;

while(n!=0)

{

n/=10;

count++;

}

System.out.println("The no. of digits is "+count);

}

}

Ques 13

import java.util.Scanner;

public class Ques {

public static void main(String args[])

{

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

Scanner sc= new Scanner(System.in);

int n= sc.nextInt();

int x=n%10;

System.out.println("The last digit is "+ x);

while(n>9)

{

n/=10;

}

System.out.println("The first digit is "+n);

}

}

Ques 15

import java.util.Scanner;

public class Ques {

public static void main(String args[])

{

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

Scanner sc= new Scanner(System.in);

int n= sc.nextInt();

int x=0,sum=0;

while(n>0)

{

x=n%10;

sum+=x;

n/=10;

}

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

}

}

Ques 14

import java.util.Scanner;

public class Ques {

public static void main(String args[])

{

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

Scanner sc= new Scanner(System.in);

int n= sc.nextInt();

int temp=n;

int x=n%10;

System.out.println("The last digit is "+ x);

int place\_value=1;

while(n>=10)

{

n/=10;

place\_value\*=10;

}

temp%=place\_value; //Is se first digit remove ho gya

int new\_num= x\*place\_value+temp; //Last digit first digit ki jagah aa gyi

new\_num=new\_num-(new\_num%10)+n;

System.out.println("The first digit is "+n);

System.out.println("The new number is "+new\_num);

}

}

Ques 16

import java.util.Scanner;

public class Ques {

public static void main(String[] args) {

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

Scanner sc = new Scanner(System.in);

int x= sc.nextInt();

int prod=1;

int rem=0;

while(x!=0)

{

rem=x%10;

prod\*=rem;

x/=10;

}

System.out.println("The product is"+prod);

}

}

Ques 17

import java.util.Scanner;

public class Ques {

public static void main(String[] args) {

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

Scanner sc = new Scanner(System.in);

int x= sc.nextInt();

boolean isprime=true;

if(x==1 ||x==0)

isprime=false;

for(int i=2;i<x/2;i++)

{

if(x%i==0)

{isprime=false;

break;

}

}

if(isprime==true)

System.out.println("Prime");

else

System.out.println("Non -prime");

}

}

Ques 18

import java.util.Scanner;

public class Ques {

public static int pow(int n, int count)

{ int res=1;

while(count!=0)

{

res\*=n;

count--;

}

return res;

};

public static void main(String[] args) {

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

Scanner sc = new Scanner(System.in);

int num= sc.nextInt();

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

{ int count=0;

int arm=0;

int x=i;

while(x!=0)

{

x/=10;

count++;

}

x=i;

while(x!=0)

{

int a=x%10;

arm+=pow(a,count);

x/=10;

}

if(arm==i)

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

}

sc.close();

}

}

Ques 19

import java.util.Scanner;

public class Ques {

public static void main(String[] args) {

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

Scanner sc = new Scanner(System.in);

int num= sc.nextInt();

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

{ int rev=0;

int x=i;

while(x!=0)

{

int rem=x%10;

rev=rev\*10+rem;

x/=10;

}

if(rev==i)

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

}

sc.close();

}

}

Ques 20

import java.util.Scanner;

public class Ques {

public static void main(String[] args) {

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

Scanner sc = new Scanner(System.in);

int num= sc.nextInt();

if(num==1)

System.out.println("not perfect");

int sum=0;

for(int i=1;i<num/2+1;i++)

{

if(num%i==0)

sum+=i;

}

if(sum==num)

System.out.println("Perfect Number");

else

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

sc.close();

}

}

Ques 21

import java.util.Scanner;

public class Ques {

public static void main(String[] args) {

System.out.println("Enter number and weight of item 1 respectively");

Scanner sc = new Scanner(System.in);

double num1= sc.nextDouble();

double weight1= sc.nextDouble();

System.out.println("Enter number and weight of item 2 respectively");

double num2= sc.nextDouble();

double weight2= sc.nextDouble();

double total\_weight= num1\*weight1+num2\*weight2;

double total\_num = num1+num2;

System.out.println("The average value is "+ total\_weight/total\_num);

}

}

Ques 22

import java.util.Scanner;

public class Ques {

public static void main(String[] args) {

System.out.println("Enter the employeee ID, working hours, Salary per hour respectively");

Scanner sc = new Scanner(System.in);

int id= sc.nextInt();

int hour=sc.nextInt();

float Salary= sc.nextFloat();

System.out.println("Employee ID :"+id);

System.out.printf("Total Compensation :%.2f%n",+Salary\*hour);

}

}

Ques 23 - similar done above

Ques 24- done earlier

Ques 25- done previously

Ques 26

import java.util.Scanner;

public class Ques {

public static void main(String[] args) {

System.out.println("Enter 4 integers");

Scanner sc = new Scanner(System.in);

int p= sc.nextInt();

int q=sc.nextInt();

int r=sc.nextInt();

int s= sc.nextInt();

if(p <0 ||q<0||r<0||s<0)

{

System.out.println("Invalid input");

}

if(q>r && s>p && (r+s)>(p+q))

System.out.println("Correct values");

else

System.out.println("Wrong Values");

}

}

Ques 27

import java.util.Scanner;

public class Ques {

public static void main(String[] args) {

System.out.println("Enter 5 integers");

Scanner sc = new Scanner(System.in);

int [] a= new int[5];

for(int i=0;i<5;i++)

{

a[i]= sc.nextInt();

}

int sum=0;

for(int i=0;i<5;i++)

{

if(a[i]%2!=0)

{

sum+=a[i];

}

}

System.out.println("Sum of all odd values is "+sum);

}

}

Ques 28

import java.util.Scanner;

public class Ques {

public static void main(String[] args) {

System.out.println("Enter 3 float values");

Scanner sc = new Scanner(System.in);

float p = sc.nextFloat();

float q = sc.nextFloat();

float r = sc.nextFloat();

boolean istriangle=false;

if(p>q+r ||q>p+r||r>p+q){

System.out.println("Not a traingle");

}

else{

System.out.println("Triangle");

istriangle=true;

}

if(istriangle)

{

float perimeter = p+q+r;

System.out.printf("The perimeter is %.2f%n",+perimeter);

}

}

}

Ques 30

import java.util.Scanner;

public class Ques {

public static void main(String[] args) {

System.out.println("Enter 2 integers");

Scanner sc = new Scanner(System.in);

float p = sc.nextFloat();

float q = sc.nextFloat();

if(p%q==0 ||q%p==0)

{

System.out.println("Multiples");

}

else

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

}

}