Lab 1

//Hello World program

class Untitled{

public static void main(String a[]){

System.out.print("Hello World");

}

}



//Program to check if a number is prime

class Prime{

public static void main(String a[]){

int n = 97;

int flag = 1;

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

if(n % i == 0){

flag = 0;

break;

}

}

if(flag == 0){

System.out.println("Prime");

}

else{

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

}

}

}



//Program to print fibonacci series

class Fibonacci{

public static void main(String[] args){

int p = 0;

int c = 1;

int t = 0;

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

System.out.println(p+c);

t = p;

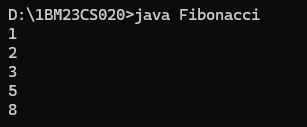
p = c;

c = c + t;

}

}

}



//Program to check triangle

class Triangle{

public static void main(String a[]){

int x = 4;int y = 5;int z = 6;

if(x == y && y == z){

System.out.println("Equilateral");

}

else if(x == y || y == z || z == x){

System.out.println("Isoceles");

}

else{

System.out.println("Scalene");

}

}

}



//Program to find Simple Interest

class SI{

public static void main(String a[]){

int p = 100000;int r = 5;int t = 5;

float si = (p \* r \* t)/100;

System.out.println(si);

}

}



//Program to swap two numbers

class Swap{

public static void main(String[] args){

int a = 20;

int b = 30;

int temp = a;

a = b;

b = temp;

System.out.print("a = ");

System.out.println(a);

System.out.print("b = ");

System.out.println(b);

}

}

