**HELLO WORLD**

import java.io.\*;

class MyClass {

public static void main (String[] args) {

System.out.println("Hi how are you!");

}

}

**AVERAGE OF 3 NUMBERS**

import java.io.\*;

import java.util.Scanner;

class GFG {

public static void main (String[] args) {

int x = 5, y = 6, z = 50;

Scanner in = new Scanner(System.in);

x = in.nextInt();

y = in.nextInt();

z = in.nextInt();

System.out.println((x + y + z)/3);

}

}

**SWAP 2 NUMBERS**

import java.io.\*;

import java.util.Scanner;

class GFG {

public static void main (String[] args) {

int x = 5, y = 6;

x=x+y;

y=x-y;

x=x-y;

System.out.println(x+" "+y);

}

}

**CONVERT DECIMAL TO BINARY**

import java.util.Scanner;

public class Convert

{

public static void main(String[] args)

{

int n, count = 0, a;

String x = "";

Scanner s = new Scanner(System.in);

System.out.print("Enter any decimal number:");

n = s.nextInt();

while(n > 0)

{

a = n % 2;

x = a + "" + x;

n = n / 2;

}

System.out.println("Binary number:"+x);

}

}

**REVERSE A STRING**

import java.util.Scanner;

public class ReverseString

{

public static void main(String[] args)

{

System.out.println("Enter string to reverse:");

Scanner read = new Scanner(System.in);

String str = read.nextLine();

String reverse = "";

for(int i = str.length() - 1; i >= 0; i--)

{

reverse = reverse + str.charAt(i);

}

System.out.println("Reversed string is:");

System.out.println(reverse);

}

}

**COUNT CHAR, NUMBERS, WHITE SPACES,SPECIAL SYMBOLS IN A STRING**

import java.util.Scanner;

public class CountClass {

public static void main(String[] args) {

String test = "Mayank Patel 171112233 %^&";

count(test);

}

public static void count(String x){

char[] ch = x.toCharArray();

int letter = 0;

int space = 0;

int num = 0;

int other = 0;

for(int i = 0; i < x.length(); i++){

if(Character.isLetter(ch[i])){

letter ++ ;

}

else if(Character.isDigit(ch[i])){

num ++ ;

}

else if(Character.isSpaceChar(ch[i])){

space ++ ;

}

else{

other ++;

}

}

System.out.println("The string is : Aa kiu, I swd skieo 236587. GH kiu: sieo?? 25.33");

System.out.println("letter: " + letter);

System.out.println("space: " + space);

System.out.println("number: " + num);

System.out.println("other: " + other);

}

}