Language Basics:

1.

public class Myclass1{

public static void main(String args[]){

System.out.println(args[0]+ “ Technologies ”+args[1]);

}

}

2.

public class Myclass2{

public static void main(String args[]){

System.out.println(“Welcome ”+args[0]);

}

}

3.

public class Myclass3{

public static void main(String args[]){

int i=Integer.parseInt(args[0]);

int j=Integer.parseInt(args[1]);

int s=i+j;

System.out.println(“The sum of ”+args[0] + “and ”+args[1]+”is ”+s);

}

}

Flow Control:

1

A)

public class Myclass{

public static void main(String args[]){

int i=Integer.parseInt(args[0]);

if(i>0){

System.out.println(“Positive”);

}

Else if(i<0){

System.out.println(“Negative”);

}

Else{

System.out.println(“Zero”);

}

}

}

b)

public class Myclass{

public static void main(String args[]){

int i=Integer.parseInt(args[0]);

int j=Integer.parseInt(args[1]);

int m1=i%10;

int m2=j%10;

System.out.println(m1==m2);

}

}

2.

public class Myclass{

public static void main(String args[]){

int i=Integer.parseInt(args[0]);

if(i%2==0){

System.out.println(“Even”);

}

Else{

System.out.println(“Odd”);

}

}

}

3.

public class Myclass {

   public static void main(String args[]) {

if(args.length>0){

      for(int i = 0; i<args.length-1; i++) {

         System.out.print(args[i]+ “, ”);

      }

System.out.print(args[args.length-1]);

}

Else{

System.out.print(“No values”);

}

   }

}

4.

public class Main

{

public static void main(String[] args) {

char a1='a';

char a2='b';

if(a1>a2)

System.out.println(a1+","+a2);

else

System.out.println(a2+","+a1);

}

}

5.

public class Main

{

public static void main(String[] args) {

char ch='@';

if ((ch >= 65 && ch <= 90) || (ch >= 97 && ch <= 122))

System.out.println("Alphabhet");

else if(ch>=48 && ch<= 57)

System.out.println("Digit");

else

System.out.println("Special Character");

}

}

6.

public class Main{

public static void main(String args[]){

String gender=args[0];

int age=Integer.parseInt(args[1]);

if(gender=="Female"){

if(age>=1 && age<=58)

System.out.println("8.2%");

else if(age>=59 && age<=100)

System.out.println("9.2%");

}

else{

if(age>=1 &&age<=58)

System.out.println("8.4%");

else if(age>=59 && age<=100)

System.out.println("10.5%");

}

}

}

7. public class Main{

public static void main(String args[]){

String c="A";

if (c==c.toLowerCase())

System.out.println(c+"->"+c.toUpperCase());

else

System.out.println(c+"->"+c.toLowerCase());

}

}