DATE:07/08/2023

import java.util.\*;

public class Main

{

public static void main (String[] args) {

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

}

}

OUTPUT:

Hello world

POSITIVE OR NEGATIVE NUMBER:

import java.util.\*;

public class Main{

public static void main(String args[])

{

int x=10;

if(x>0)

System.out.print("positive");

else if(x<0)

System.out.print("Negative");

else

System.out.print("Zero");

}

}

ODD OR EVEN:

import java.util.\*;

public class Main{

public static void main(String args[])

{

int x=10;

if(x%2==0)

System.out.print("even");

else

System.out.print("odd");

}

}

BITWISE OPERATOR :

import java.util.\*;

public class Main{

public static void main(String args[])

{

int x=10;

if((x&1)==0)

System.out.print("even");

else

System.out.print("odd");

}

}

VOTING:

import java.util.\*;

public class Main{

public static void main(String args[])

{

int age=20;

if(age>=18)

System.out.print("eligible");

else

System.out.print("not eligible");

}

}

USING STRINGS:

VOTING:

import java.util.\*;

public class Main

{

public static void main (String[] args) {

int age=20;

String result=(age>18)?"eligible":"not eligible";

System.out.print(result);

}

}

ODD OR EVEN:

import java.util.\*;

public class Main

{

public static void main (String[] args) {

int x=23;

String result=(x%2==0)?"even":"odd";

System.out.print(result);

}

}

SWITCH CASE:

import java.util.\*;

public class Main

{

public static void main (String[] args) {

double basic\_pay=3000.00;

double extra\_amt=0.00;

int hr=5;

switch(hr)

{

case 2: extra\_amt=200;

break;

case 5: extra\_amt=500;

break;

case 6: extra\_amt=800;

break;

case 8: extra\_amt=1000;

break;

default:System.out.print("no match");

}

System.out.print(basic\_pay+extra\_amt);

}

}

DISCOUNT:

import java.util.\*;

public class Main

{

public static void main (String[] args) {

double purchase=2800.00;

if(purchase<1000)

System.out.print("no discount");

else if(purchase>1000&&purchase<2000)

System.out.print(purchase-(purchase\*0.01));

else if(purchase>2000&&purchase<3000)

System.out.print(purchase-(purchase\*0.03));

else if(purchase>3000)

System.out.print(purchase-(purchase\*0.04));

}

}

DATE:08/08/23

PRINT NUMBERS FROM 1 TO 10 EXCEPT 5:

import java.util.\*;

public class Main{

public static void main (String[] args) {

int i;

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

{

if(i==5)

continue;

else

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

}

}

}

OUTPUT:

1 2 3 4 6 7 8 9 10

PRINT NO.S FROM 1 TO 10:

import java.util.\*;

public class Main{

public static void main (String[] args) {

int i;

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

{

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

}

}

}

OUTPUT:

1 2 3 4 5 6 7 8 9 10

PRINT NO.S FROM 1 TO 10 AND STOP EXECUTION WHEN ENCOUNTER NUMBER 8:

import java.util.\*;

public class Main{

public static void main (String[] args) {

int i;

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

{

if(i==8)

break;

else

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

}

}

}

OUTPUT:

1 2 3 4 5 6 7