1. Create an array of 10 elements and print them using the for each loop.

class Array1{

int array[]= {10,11,12,13,14,15,16,17,18,19};

void display() {

for(int i = 0;i<=10;i++) {

System.out.println("the array elements ="+ array[i]);

}

}

}

public class Main {

public static void main(String[] args) {

Array1 obj= new Array1();

obj.display();

}

}

output:

the array elements =10

the array elements =11

the array elements =12

the array elements =13

the array elements =14

the array elements =15

the array elements =16

the array elements =17

the array elements =18

the array elements =19

1. Take the number input from the console and add all the positive numbers. (not to consider the negative number if entered)

import java.util.\*;

class Main

{

static int sum=0,num=0;

public static void main(String[] args)

{

Scanner sc= new Scanner(System.in); //System.in is a standard input stream

System.out.print("Enter number- ");

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

num= sc.nextInt();

if(num>0){

sum+=num;

}

}

System.out.println("sum of positive no="+sum);

}

}

output:

enter no

1

-2

-3

1

2

sum of positive no=4

1. Create a labeled break and write a simple logic and execute the program.

public class Main{

public static void main (String[] args) {

//the for loop is labeled as first

first:

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

//the for loop is labeled as second

second:

for(int j=0;j<3;i++){

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

//the break statement breaks the first

if(i==2){

break first;

}

}

}

}

}

output:

i=0 j=0

i=1 j=0

i=2 j=0

1. Do the addition of around 10 even numbers, but use the continue statement in the logic.

Scanner sc = new Scanner(System.in);

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

n = sc.nextInt();

for(i=1;i<=(2\*n);i++)

{

if(i%2 == 0)

sum = sum +i;

else

continue;

}

System.out.println("The sum of first " +n+ " even numbers are "+sum);

}

}

output:

enter the limit

4

the sum of first 4 even numbers are 20