1. Create an array of 10 elements and print them using the for each loop.
2. Take the number input from the console and add all the positive numbers. (not to consider the negative number if entered)
3. Create a labeled break and write a simple logic and execute the program.
4. Do the addition of around 10 even numbers, but use the continue statement in the logic.

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

**package** com.ust.test;

**public** **class** Array {

**public** **static** **void** main(String[] args) {

**int**[] a = {5,10,15,20,25,30,35,40,45,50};

**for**(**int** number: a)

{

System.***out***.println(number);

}

}

}

**OUTPUT**

5

10

15

20

25

30

35

40

45

50

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

**package** com.ust.test;

**import** java.util.Scanner;

**public** **class** PositiveNumberSum {

**public** **static** **void** main(String[] args) {

**int** sum = 0;

Scanner input = **new** Scanner(System.***in***);

System.***out***.println("Enter a number");

**int** number = input.nextInt();

**while** (number >= 0) {

sum =sum+number;

System.***out***.println("Enter a number");

number = input.nextInt();

}

System.***out***.println("Sum = " + sum);

input.close();

}

}

**OUTPUT**

Enter a number

5

Enter a number

6

Enter a number

-1

Sum = 11

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

**package** com.ust.test;

**public** **class** LabeledBreak {

**public** **static** **void** main(String[] args) {

**int** i;

outer:

**for**(i=1; i<5; i++)

{

**int** j;

inner:

**for**(j=1; j<5; j++)

{

System.***out***.println("Inner Loop.");

**if**(j==3)

**break** outer;

}

System.***out***.println("Outer Loop.");

}

System.***out***.println("Outside of the outer loop.");

}

}

**OUTPUT**

Inner Loop.

Inner Loop.

Inner Loop.

Outside of the outer loop.

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

**package** com.ust.test;

**public** **class** SumOfEvenNumber {

**public** **static** **void** main(String[] args)

{

**int** sum = 0;

**for**(**int** i=0;i<20;i++)

{

**if**(i%2==0)

{

sum = sum + i;

}

**else**

{

**continue**;

}

}

System.***out***.println("Sum of Number is" +sum);

}

}

**OUTPUT**

Sum of Number is90