1. 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**[] numbers= {0, 1, 2, 3, 4, 5, 6, 7, 8, 9};

**for**(**int** number:numbers) {

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

}

}

}

Output

0

1

2

3

4

5

6

7

8

9

1. 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** PositiveSum {

**public** **static** **void** main(String... args) {

**int** sum=0,value;

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

System.***out***.println("Enter the limit of number:");

**int** n=sc.nextInt();

System.***out***.println("Enter the numbers:");

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

{

value=sc.nextInt();

**if**(value>0) {

sum+=value;

}

}

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

sc.close();

}

}

Output

Enter the limit of number:

5

Enter the numbers:

1 2 3 4 5

Sum:15

1. 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;

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

{

**if**(i==5)

**break**;

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

}

}

}

Output

1

2

3

4

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

**package** com.ust.test;

**import** java.util.Scanner;

**public** **class** Continue {

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

// **TODO** Auto-generated method stub

**int** sum = 0,i =0,num,n;

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

3

The sum of first 3 even numbers are 12