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

**Q1**

**Code-**

**package** com.ust.test;

**public** **class** ForLoop {

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

**int** a[]= {1,2,3,4,5,6,7,8,9,10};

**for**(**int** i=0;i<a.length;i++) {

System.***out***.println(a[i]);

}

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

}

}

**result-**

1

2

3

4

5

6

7

8

9

10

**Q2**

**Code-**

**package** com.ust.test;

**import** java.util.Scanner;

**public** **class** AddPositiveNumbers {

**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+=number;

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

number=input.nextInt();

}

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

input.close();

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

}

}

**Result-**

Enter a number

4

Enter a number

3

Enter a number

-1

Sum is7

**Q3**

**Code**

**package** com.ust.test;

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

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

first:

**for**(**int** i=0;i<6;++i) {

second:

**for**(**int** j=0;j<5;j++) {

System.***out***.println("i is"+i+"j is"+j);

**if**(j==1) {

**break** second;

}

}

}

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

}

}

**Result-**

i is0j is0

i is0j is1

i is1j is0

i is1j is1

i is2j is0

i is2j is1

i is3j is0

i is3j is1

i is4j is0

i is4j is1

i is5j is0

i is5j is1

**Q4**

**Code-**

**package** com.ust.test;

**public** **class** EvenNumberSum {

**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 is"+sum);

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

}

}

**Result-**

Sum is90