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

**package** com.ust.java;

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

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

**int**[] arr2 = {1,2,3,4,5,6,7,8,9,10};

**for** (**int** j = 0; j < 10; j += 1){

System.***out***.println(" "+arr2[j]+" ");

}

}

}

**Result**

1

2

3

4

5

6

7

8

9

10

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.java;

**import** java.util.Scanner;

**public** **class** Sumofpos {

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

**int**[] arr2=**new** **int**[10];

**int** sum=0;

System.***out***.println("Enter five numbers");

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

**for** (**int** i = 0; i < 5; i += 1){

arr2[i]= input.nextInt();}

input.close();

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

{

**if**(arr2[j]>0)

sum=sum+arr2[j];

**else**

**continue**;

}

System.***out***.println("sum of positive numbers are "+sum);

}

}

**Result**

Enter five numbers

1

2

3

-4

-5

sum of positive numbers are 6

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

**package** com.ust.java;

**public** **class** Labelbreak {

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

**int** i=3;

first:

**if**(i>3)

{ **break** first;}

**else**

second:

{ System.***out***.println("Hello");

**break** second;}

}

}

**Result**

Hello

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

**package** com.ust.java;

**import** java.util.Scanner;

**public** **class** Sumofeven {

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

**int**[] arr2=**new** **int**[10];

**int** sum=0;

System.***out***.println("Enter ten numbers");

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

**for** (**int** i = 0; i < 10; i += 1){

arr2[i]= input.nextInt();}

input.close();

**for**(**int** j=0;j<10;j++)

{

**if**((arr2[j]%2)==0)

sum=sum+arr2[j];

**else**

**continue**;

}

System.***out***.println("sum of Even numbers are "+sum);

}

}

**Result**

Enter ten numbers

1

2

3

4

5

6

7

8

9

10

sum of Even numbers are 30