

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

```
public class foreach_array {  
    public static void main(String[] args) {  
        int[] i = { 1,2,3,4,5,6,7,8,9,10};  
  
        foreachDisplay(i);  
    }  
  
    public static void foreachDisplay(int[] data) {  
        System.out.println("Display an array using for each loop");  
  
        System.out.print("[");  
        for (int a : data) {  
            System.out.print(a+ ",");  
        }  
        System.out.print("]");  
    }  
}
```

**Output:**

```
Display an array using for each loop  
[1,2,3,4,5,6,7,8,9,10,]
```

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

```
import java.util.Scanner;

public class PositiveNegativeIntegers {

    public static void main(String[] args) {
        // TODO Auto-generated method stub

        Scanner sc=new Scanner(System.in);
        System.out.println("enter size");

        int sum=0;

        int size=sc.nextInt();

        int[] number=new int[size];

        for(int i=0;i<size;i++) {
            number[i]=sc.nextInt();
        }

        for(int i=0;i<size;i++) {
            System.out.println(number[i]);

            if(number[i]>0) {
                sum=sum+number[i];
            }
        }
    }
}
```

```

        }

    }

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

}

}

```

### Output:

```

enter size
4
1
2
-1
3
1
2
-1
3
sum of positive numbers6

```

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

```

class LabelBreak {

    public static void main(String[] args) {

        int a = 10;

        MYLABEL: {

            System.out.println("Entered Label");

            if (a > 5)

                break MYLABEL;

            System.out.println("NOT REACHABLE");

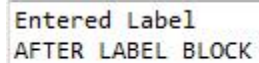
        }

        System.out.println("AFTER LABEL BLOCK");
    }
}

```

```
}  
}
```

**Output:**



```
Entered Label  
AFTER LABEL BLOCK
```

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

```
public class Continue_addition {  
    public static void main(String args[]) {  
        int total = 0, sum = 0, evenNumber = 2, n = 10;  
  
        while (total != n) {  
            total++;  
            sum += evenNumber;  
            evenNumber += 2;  
            continue;  
        }  
        System.out.println("Sum Of First 10 Even Number : " + sum);  
    }  
}
```

**Output:**



```
Sum Of First 10 Even Number : 110
```