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_adition {

	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
```