

Sample Digital Program

1. To print first repeated number

```
import java.util.Scanner;

class Repeat{

    public static void main(String[] args){

        Scanner s=new Scanner(System.in);

        System.out.println("Enter number of elements in array:");

        int size=s.nextInt();

        int[] array = new int[size];

        System.out.println("Enter " + size + " elements:");

        for (int i = 0; i < size; i++) {

            array[i] = s.nextInt();

        }

        boolean foundRepeat = false;

        for (int i = 0; i < size; i++) {

            for (int j = i + 1; j < size; j++) {

                if (array[i] == array[j]) {

                    System.out.println("First repeated number: " + array[i]);

                    foundRepeat = true;

                    break;

                }

            }

        }

        if (foundRepeat) {

            break;

        }

        if (!foundRepeat) {

            System.out.println("No repeated numbers found.");

        }

        s.close();

    }

}
```

Output:

```
Enter the size of the array: 6
```

```
Enter 6 elements:
```

```
1
```

```
2
```

```
4
```

```
1
```

```
2
```

```
8
```

```
First repeated number: 1
```