

Date
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ISA0982 - Java Programming
class Test

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1. Program

```
import java.util.*;
```

```
class Main {
```

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

```
        int arr[] = { 45, -13, 0, 2, 1, -5 };
```

```
        System.out.println ("unsorted data: " + Arrays.toString  
                                (arr));
```

```
        Boolean isSorted = false;
```

```
        while (!isSorted) {
```

```
            int i = 1;
```

```
            isSorted = true;
```

```
            while (i < arr.length) {
```

```
                if (arr[0] > arr[i]) {
```

```
                    int t = arr[0];
```

```
                    arr[0] = arr[i];
```

```
                    arr[i] = t;
```

```
                    isSorted = false;
```

```
                }
```

```
            }
```

```
        }
```

```
        System.out.println ("sorted data: " + Arrays.toString  
                                (arr));
```


2. Program:

```
import java.util.Scanner;

public class Sum of Digits Example {

    public static void main (String args[])
    {
        int number, digit, sum = 0;
        Scanner sc = new Scanner (System.in);
        System.out.print ("Enter the number:");
        number = sc.nextInt();
        while (number > 0)
        {
            digit = number % 10;
            sum = sum + digit;
            number = number / 10;
        }
        System.out.println ("Sum of Digits: " + sum);
    }
}
```