

## 1. // one-dimensional array

```
class Array {
    public static void main(String args[]) {
        int num[];
        int size = 5;
        num = new int[size];
        num[0] = 10;
        num[1] = 20;
        num[2] = 30;
        num[3] = 40;
        num[4] = 50;
        for (int i = 0; i < size; i++)
            System.out.println("num [" + i + " ] =" + num[i]);
    }
}
```

## 2. // two-dimensional array

```
class TwoDArray {
    public static void main(String args[]) {
        int twoD[][] = new int[3][3];
        int i, j, k = 0;
        for (i = 0; i < 3; i++)
            for (j = 0; j < 3; j++) {
                twoD[i][j] = k;
                k++;
            }
        for (i = 0; i < 3; i++) {
            for (j = 0; j < 3; j++)
                System.out.print(twoD[i][j] + " ");
            System.out.println();
        }
    }
}
```