

```
package root;
```

```
public class arrays {
```

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

```
        // Declare and initialize an array
```

```
        int[] numbers = {1, 2, 3, 4, 5};
```

```
        // Accessing elements of the array
```

```
        System.out.println("The first element is: " + numbers[0]);
```

```
        System.out.println("The second element is: " + numbers[1]);
```

```
        System.out.println("The third element is: " + numbers[2]);
```

```
        // Changing the value of an element in the array
```

```
        numbers[2] = 6;
```

```
        System.out.println("The third element is now: " + numbers[2]);
```

```
        // Iterating over the array
```

```
        for (int i = 0; i < numbers.length; i++) {
```

```
            System.out.println("Element at index " + i + " is: " + numbers[i]);
```

```
        }
```

```
    }
```

