```java
package arrayTopic;

public class Example1 {

    public static void main(String[] args) {

        int a[] = new int[5];          // declaration

        a[0] = 10;
        a[1] = 30;
        a[2] = 50;
        a[3] = 60;
        a[4] = 100;

//        a[5] = 200;

        System.out.println(a);    // encoded version of
array

        //for loop

        for(int i=0;i<=4;i++)
        {
            System.out.println(a[i]);
        }

        //-------------------------------
        for(int i: a)
        {
            System.out.println(i);
        }
    }
}
```

```java
package arrayTopic;

public class Example2 {

    public static void main(String[] args) {

        String a[] =
{"Harry","David","Smith","Tom","Sam","Jon","Andrew"};     //7

//        a[7] = "Peter";
```

```java
            System.out.println(a);

        int l = a.length;

        for(int i=0;i<l;i++)
        {
            System.out.println(a[i]);
        }

        //------------------------
        for(String xyz : a)
        {
            System.out.println(xyz);
        }
    }
}
```

```java
package arrayTopic;

public class Example3 {

    public static void main(String[] args) {

        String a[] =
{"Harry","David","Smith","Tom","Davanshu","Harry","Nagesh"};

        String b[] = new String[7];

        for(int i=0;i<a.length;i++)
        {
            b[i] = a[i];
            System.out.println(b[i]);
        }


    }
}
```