Name: Patil Rohit Kalyan Roll No.- 2201149 Division :- MCA [B]

```java
public class ArrayExample {
    // method that takes an array as a parameter
    public static void printArray(int[] arr) {
        for (int i = 0; i < arr.length; i++) {
            System.out.print(arr[i] + " ");
        }
        System.out.println();
    }


    // method that returns an array
    public static int[] createArray(int n) {
        int[] arr = new int[n];
        for (int i = 0; i < n; i++) {
            arr[i] = i + 1;
        }
        return arr;
    }


    public static void main(String[] args) {
        int[] arr1 = {1, 2, 3, 4, 5};


        // passing an array to a method
        printArray(arr1);


        // getting an array from a method
        int[] arr2 = createArray(5);
        printArray(arr2);
    }
}
```

```
Output:

1 2 3 4 5
1 2 3 4 5
```