

```

9. public class ArrayDemo {
    public static void main(String[] args) {
        int[] nums = {1, 2, 3, 4, 5};
        System.out.print("Array elements: ");
        for (int i = 0; i < nums.length; i++) {
            System.out.print(nums[i] + " ");
        }
    }
}

```

Output:

The screenshot shows the Eclipse IDE interface. The Package Explorer on the left shows the project structure with 'ArrayDemo.java' selected. The Editor in the center displays the source code of 'ArrayDemo.java'. The Console at the bottom shows the output of the program: 'Array elements: 1 2 3 4 5'.

```

1 package array;
2
3 public class ArrayDemo {
4     public static void main(String[] args) {
5         int[] nums = {1, 2, 3, 4, 5};
6         System.out.print("Array elements: ");
7         for (int i = 0; i < nums.length; i++) {
8             System.out.print(nums[i] + " ");
9         }
10    }
11 }

```

Console Output:

```

<terminated> ArrayDemo [Java Application] C:\Program Files\Java\jdk-17.0.5\bin\javaw.exe (08-May-2023, 11:45:27 pm - 11:45:29 pm) [pid: 5372]
Array elements: 1 2 3 4 5

```