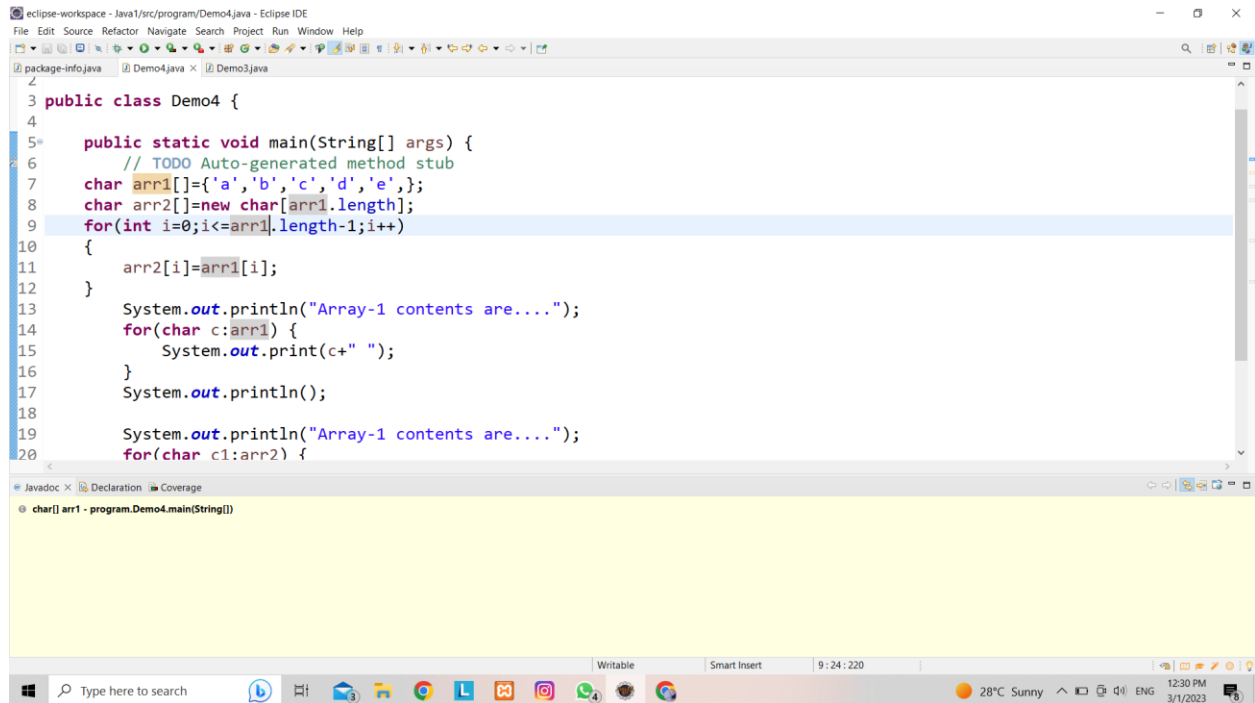
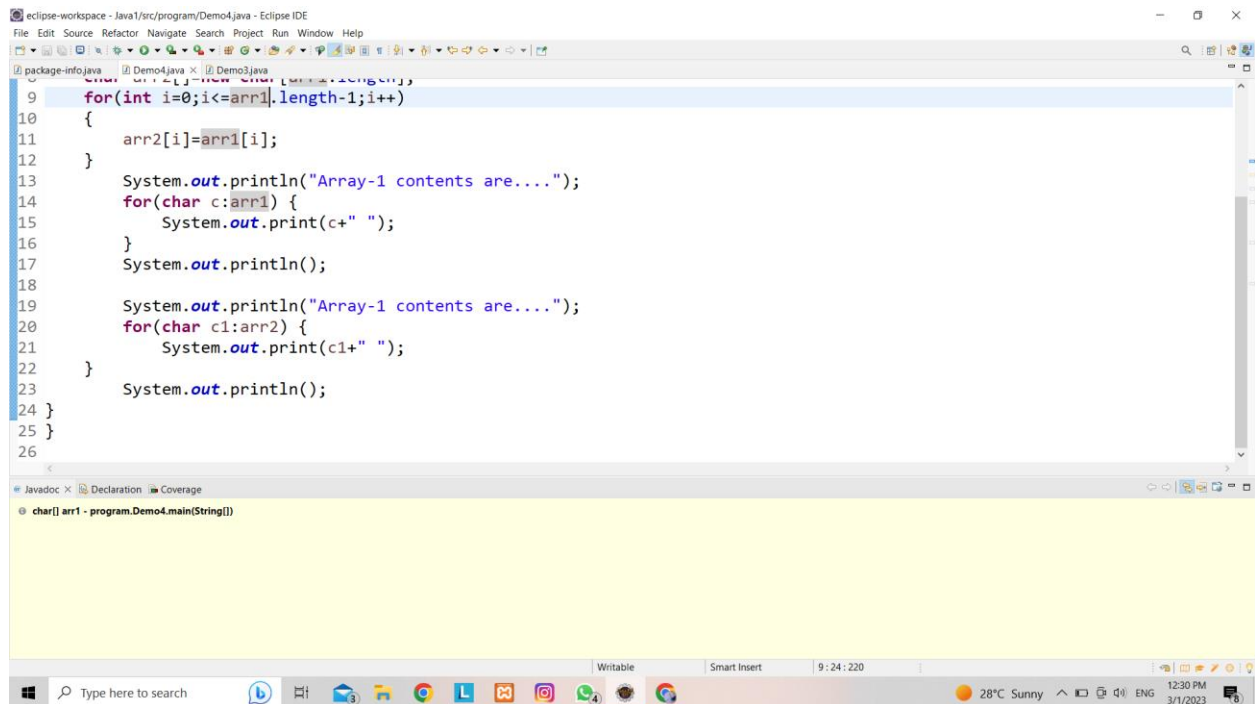


COPPYING THE CONTENTS OF ONE ARRAY TO ANOTHER ARRAY

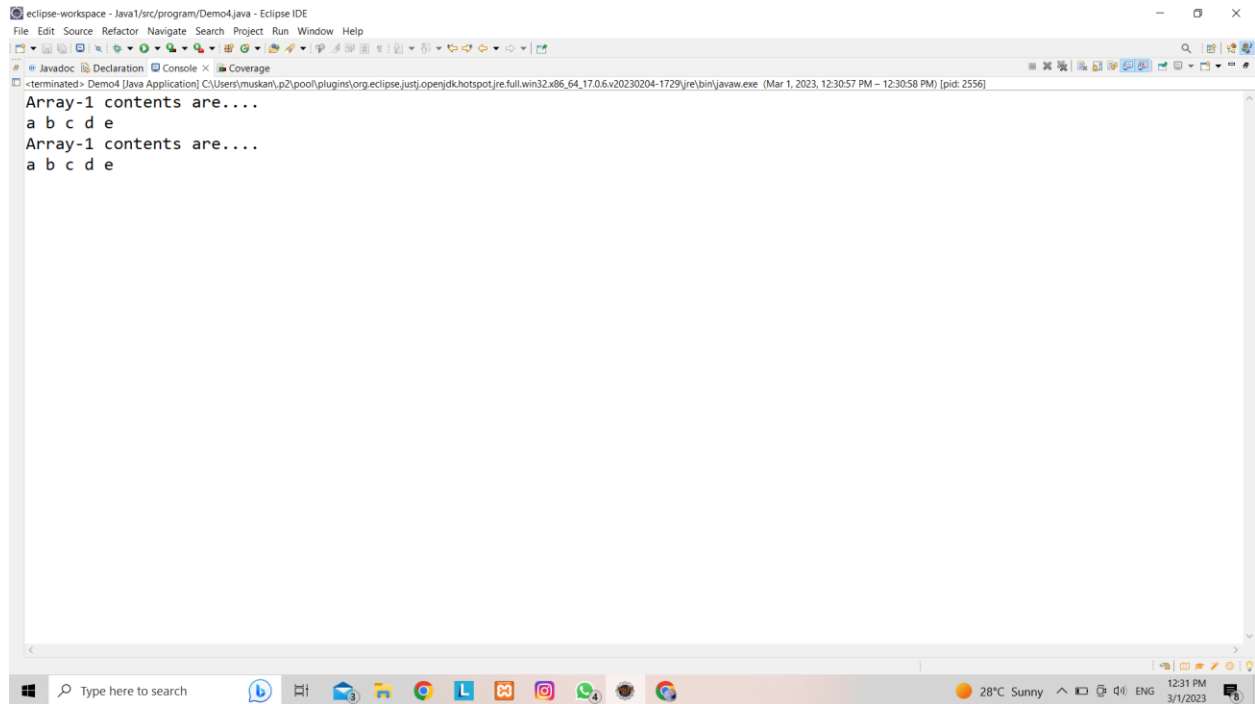


```
1 public class Demo4 {
2
3     public static void main(String[] args) {
4         // TODO Auto-generated method stub
5         char arr1[]={'a','b','c','d','e'};
6         char arr2[]=new char[arr1.length];
7         for(int i=0;i<arr1.length-1;i++)
8         {
9             arr2[i]=arr1[i];
10        }
11        System.out.println("Array-1 contents are...");
12        for(char c:arr1) {
13            System.out.print(c+" ");
14        }
15        System.out.println();
16        System.out.println("Array-1 contents are...");
17        for(char c1:arr2) {
```



```
18        {
19            arr2[i]=arr1[i];
20        }
21        System.out.println("Array-1 contents are...");
22        for(char c:arr1) {
23            System.out.print(c+" ");
24        }
25        System.out.println();
26        System.out.println("Array-1 contents are...");
27        for(char c1:arr2) {
28            System.out.print(c1+" ");
29        }
30        System.out.println();
31    }
32 }
```

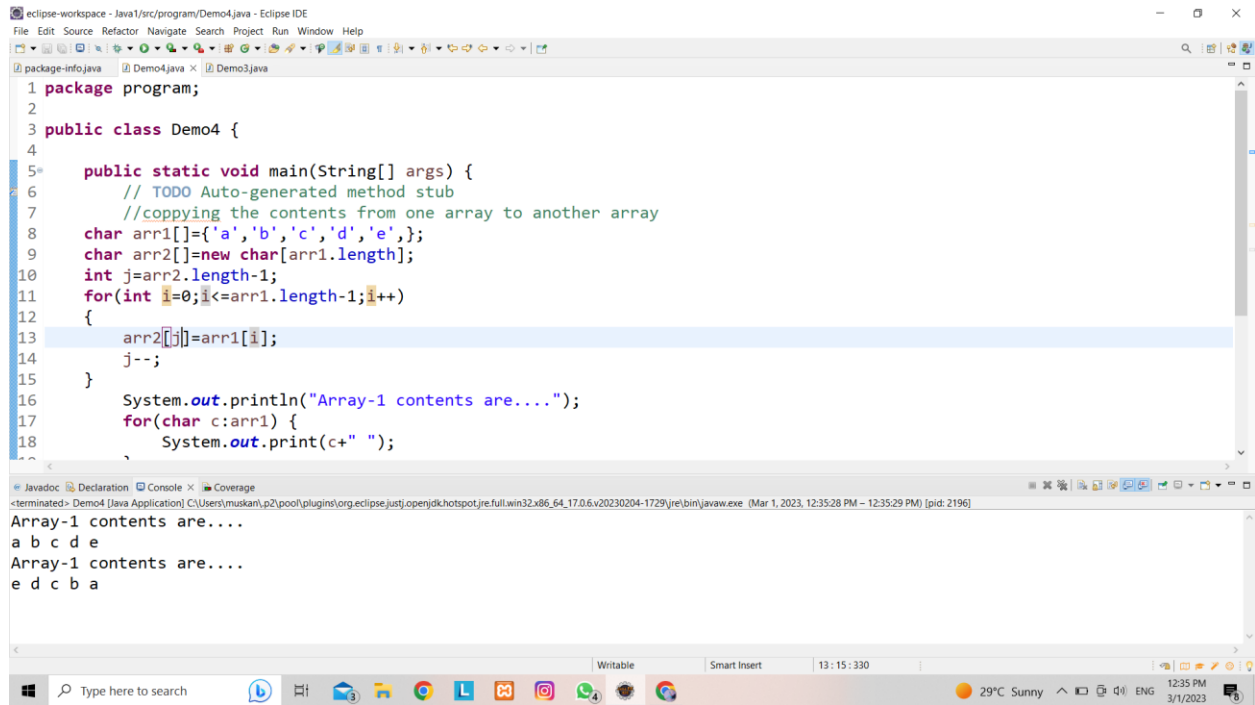
OUTPUT



The screenshot shows the Eclipse IDE interface. The top menu bar includes File, Edit, Source, Refactor, Navigate, Search, Project, Run, Window, and Help. Below the menu bar is a toolbar with various icons. The main editor area is empty. The bottom status bar shows the Windows taskbar with the search bar, taskbar icons, and system tray information including temperature (28°C), weather (Sunny), time (12:31 PM), and date (3/1/2023).

```
eclipse-workspace - Java1/src/program/Demo4.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
# Javadoc Declaration Console Coverage
<terminated> Demo4 [Java Application] C:\Users\muskan\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.6.v20230204-1729\jre\bin\javaw.exe (Mar 1, 2023, 12:30:57 PM) [pid: 2556]
Array-1 contents are....
a b c d e
Array-1 contents are....
a b c d e
```

PRINTING THE ARRAY CONTENTS FROM IN REVERSE ORDER



The screenshot shows the Eclipse IDE with a Java project. The main editor displays the following code:

```
1 package program;
2
3 public class Demo4 {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         //copying the contents from one array to another array
8         char arr1[]={'a','b','c','d','e'};
9         char arr2[]=new char[arr1.length];
10        int j=arr2.length-1;
11        for(int i=0;i<arr1.length-1;i++)
12        {
13            arr2[j]=arr1[i];
14            j--;
15        }
16        System.out.println("Array-1 contents are....");
17        for(char c:arr1) {
18            System.out.print(c+" ");
19        }
20    }
21 }
```

The console output at the bottom shows the execution results:

```
<terminated> Demo4 [Java Application] C:\Users\muskan\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full\win32-x86_64_17.0.6.v20230204-1729\jre\bin\javaw.exe (Mar 1, 2023, 12:35:28 PM - 12:35:29 PM) [pid: 2196]
Array-1 contents are....
a b c d e
Array-1 contents are....
e d c b a
```

The Windows taskbar at the bottom shows the time as 12:35 PM on 3/1/2023, with a temperature of 29°C and sunny weather.