

Problem statement: write a program in java to verify implementation of arrays

```
package array;

public class Array {

    public static void main(String[] args) {

        // TODO Auto-generated method stub

        int[] n = {100, 200, 300, 400, 500};

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

            System.out.println(n[i]);

        }

        int[][] m = {{1, 2, 3}, {4, 5, 6}, {7, 8, 9}};

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

            for (int j = 0; j < m[i].length; j++) {

                System.out.print(m[i][j] + " ");

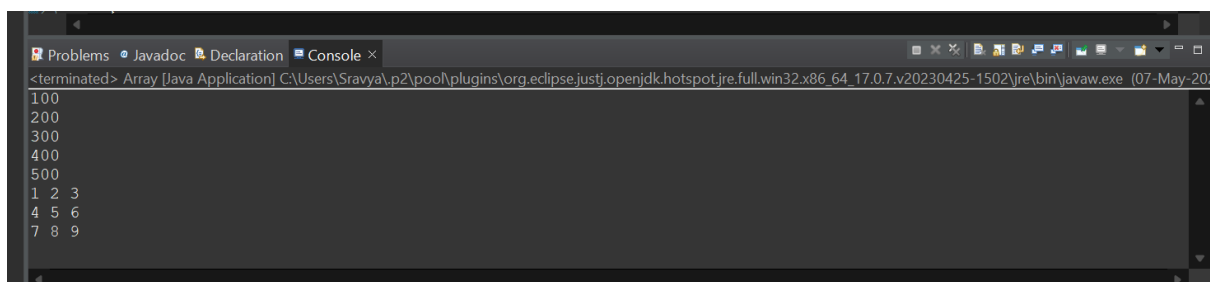
            } System.out.println();

        }

    }

}
```

Output:

A screenshot of a Java IDE's console window. The window title is "Console" and it shows the output of a Java application. The output consists of two parts: a single-line array and a two-dimensional array. The first part prints the elements of the array n: 100, 200, 300, 400, 500. The second part prints the elements of the array m in a row-wise format, with spaces between elements and a new line after each row: 1 2 3, 4 5 6, 7 8 9. The console window also shows the Java version and the path to the Java executable.

```
<terminated> Array [Java Application] C:\Users\Sravva\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.7.v20230425-1502\jre\bin\javaw.exe (07-May-2023)
100
200
300
400
500
1 2 3
4 5 6
7 8 9
```