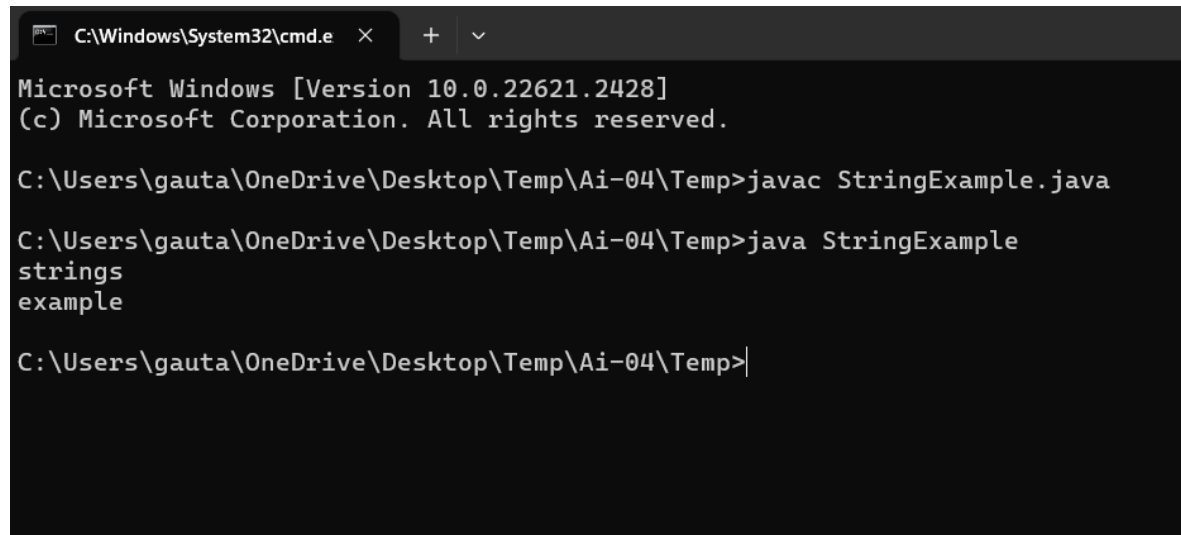


2D array & strings functions.

1.String

```
class StringExample{  
    public static void main(String args[]){  
        String s1="java";  
        char ch[]={'s','t','r','i','n','g','s'};  
        String s2=new String(ch);  
        String s3=new String("example");  
        System.out.println(s2);  
        System.out.println(s3);  
    }  
}
```

Output:



```
C:\Windows\System32\cmd.e  ×  +  ∨  
Microsoft Windows [Version 10.0.22621.2428]  
(c) Microsoft Corporation. All rights reserved.  
  
C:\Users\gauta\OneDrive\Desktop\Temp\Ai-04\Temp>javac StringExample.java  
  
C:\Users\gauta\OneDrive\Desktop\Temp\Ai-04\Temp>java StringExample  
strings  
example  
  
C:\Users\gauta\OneDrive\Desktop\Temp\Ai-04\Temp>|
```

2.Array

```
import java.util.Scanner;

public class Array {
    public static void main(String args[]) {
        int temp, n, i, j;
        Scanner s = new Scanner(System.in);
        System.out.print("Enter the size of matrix: ");
        n = s.nextInt();
        int a1[][] = new int[n][n];
        System.out.println("Enter values:");
        for (i = 0; i < n; i++) {
            for (j = 0; j < n; j++) {
                a1[i][j] = s.nextInt();
            }
        }

        System.out.print("Matrix:\n");
        for (i = 0; i < n; i++) {
            for (j = 0; j < n; j++) {
                System.out.print(a1[i][j] + " ");
            }
            System.out.print("\n");
        }
    }
}
```

Output:

```
C:\Windows\System32\cmd.e  ×  +  v
Microsoft Windows [Version 10.0.22621.2428]
(c) Microsoft Corporation. All rights reserved.

C:\Users\gauta\OneDrive\Desktop\Temp\Ai-04>javac Array.java

C:\Users\gauta\OneDrive\Desktop\Temp\Ai-04>java Array
Enter the size of matrix: 3
Enter values:
1 2 3
4 5 6
7 8 9
Matrix:
1 2 3
4 5 6
7 8 9

C:\Users\gauta\OneDrive\Desktop\Temp\Ai-04>|
```