

16.reverse

```
import java.util.Scanner;

public class reverse {
    public static void main(String[] args){
        String str;
        char ch;
        Scanner sc=new Scanner(System.in);
        System.out.print("Enter a string : ");
        str=sc.nextLine();
        System.out.println("Reverse of a String '"+str+"' is :");
        for(int j=str.length();j>0;--j) {
            System.out.print(str.charAt(j-1));
        }
    }
}
```

The screenshot shows an IDE with the following components:

- Editor:** Displays the Java code for the `reverse` class. The code is identical to the one shown in the previous block.
- Terminal:** Shows the execution of the program. The user enters the string `145*999-144855`, and the program outputs the reversed string `541*999-558441`.
- Problems Panel:** Shows 14 errors, likely related to the IDE's configuration or the Java version.
- Run Button:** A green play button is visible next to the terminal output.

Terminal Output:

```
Enter a string : 145*999-144855
Reverse of a String '145*999-144855' is :
541*999-558441
```