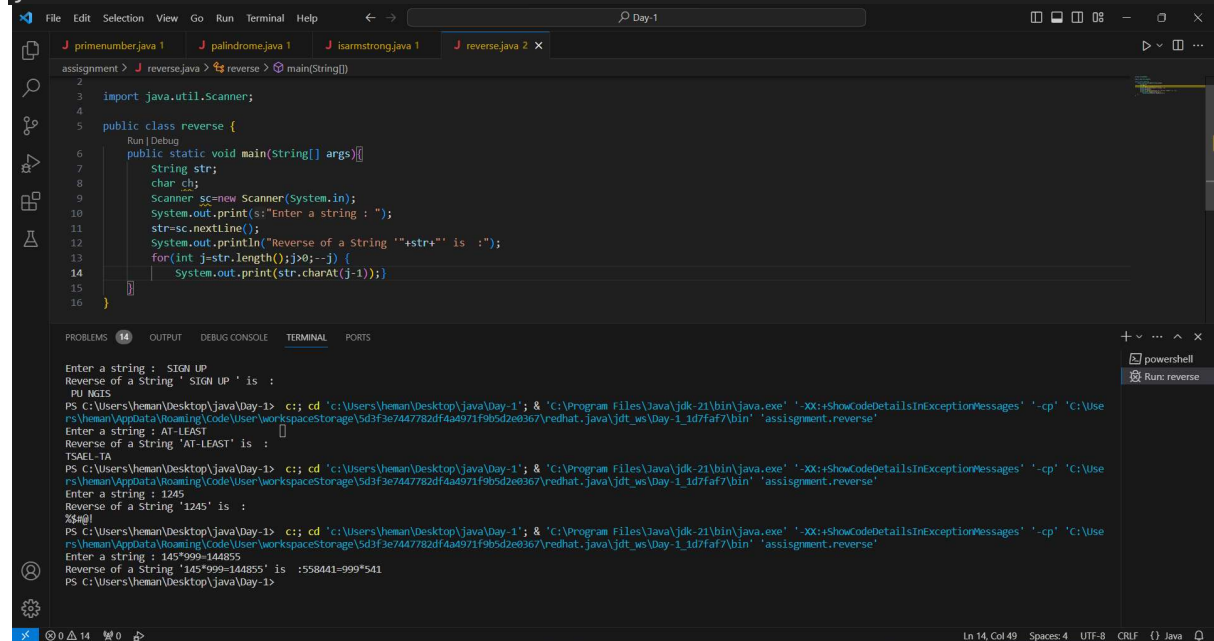


```
import java.util.Scanner;

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:

- File Explorer:** Lists files like `primenumber.java 1`, `palindrome.java 1`, `isarmstrong.java 1`, and `reverse.java 2`.
- Editor:** Displays the Java code for the `reverse` class, with line numbers 1 through 16.
- Terminal:** Shows the execution of the program. It prompts for a string and displays the reversed string for three different inputs: "SIGN UP", "AT-LEAST", and "145*999-144855".

Terminal Output:

```
Enter a string : SIGN UP
Reverse of a String 'SIGN UP' is :
PU NGIS
PS C:\Users\Heman\Desktop\java\Day-1> cd 'c:\Users\Heman\Desktop\java\Day-1'; & 'C:\Program Files\Java\jdk-21\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Use
ra\Heman\AppData\Local\Temp\Code\workspaceStorage\5d3f3e7447782df4a4971f9b5d2e8367\redhat.java\jdk_ws\Day-1_1d7faf7\bin' 'assignment.reverse'
Enter a string : AT-LEAST
Reverse of a String 'AT-LEAST' is :
TSAEL-TA
PS C:\Users\Heman\Desktop\java\Day-1> cd 'c:\Users\Heman\Desktop\java\Day-1'; & 'C:\Program Files\Java\jdk-21\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Use
ra\Heman\AppData\Local\Temp\Code\workspaceStorage\5d3f3e7447782df4a4971f9b5d2e8367\redhat.java\jdk_ws\Day-1_1d7faf7\bin' 'assignment.reverse'
Enter a string : 1245
Reverse of a String '1245' is :
5412
PS C:\Users\Heman\Desktop\java\Day-1> cd 'c:\Users\Heman\Desktop\java\Day-1'; & 'C:\Program Files\Java\jdk-21\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Use
ra\Heman\AppData\Local\Temp\Code\workspaceStorage\5d3f3e7447782df4a4971f9b5d2e8367\redhat.java\jdk_ws\Day-1_1d7faf7\bin' 'assignment.reverse'
Enter a string : 145*999-144855
Reverse of a String '145*999-144855' is :
558441-999*541
PS C:\Users\Heman\Desktop\java\Day-1>
```