**23CSE111**

**OBJECT ORIENTED PROGRAMMING**

**LAB MANUAL**



**Department of computer and communication Engineering**

**Amrita School of Engineering**

**Amrita Vishwa Vidyapeetham, Amaravati Campus**

**Name:**

**Verified By Roll No:**

**INDEX**

|  |  |  |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

**WEEK-1**

**Program-1**

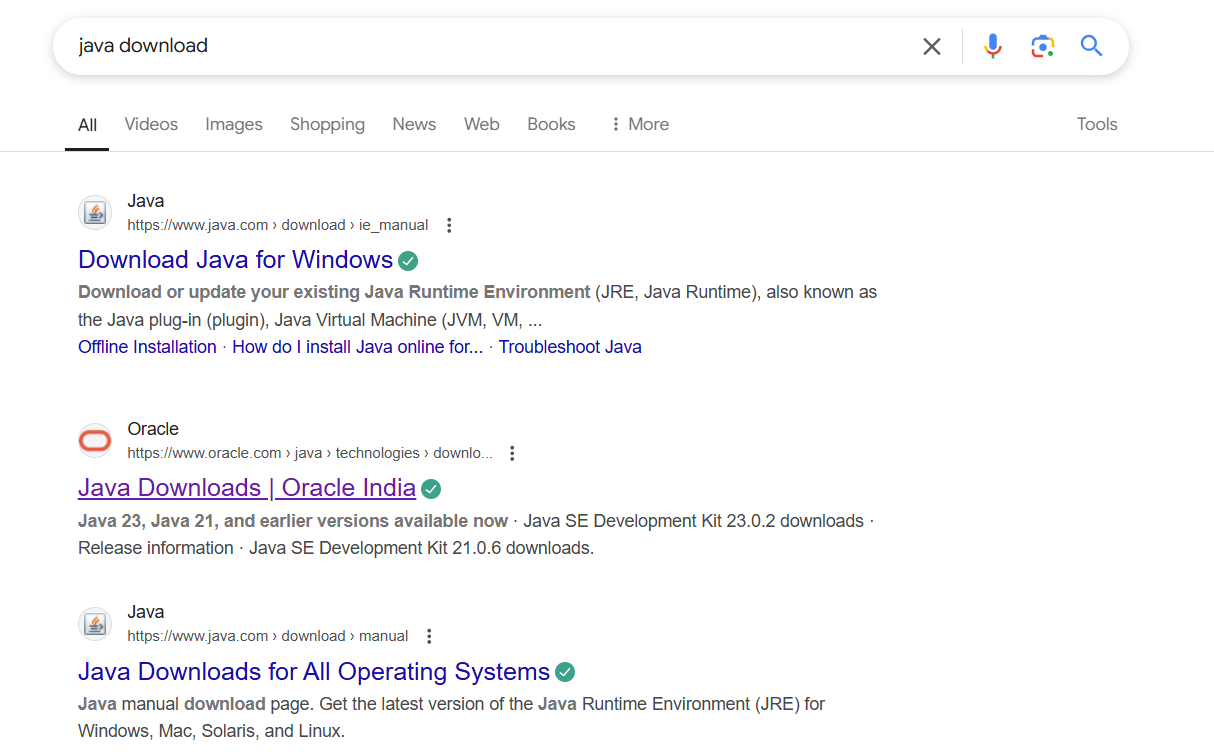
AIM

Installation of Java jdk-21

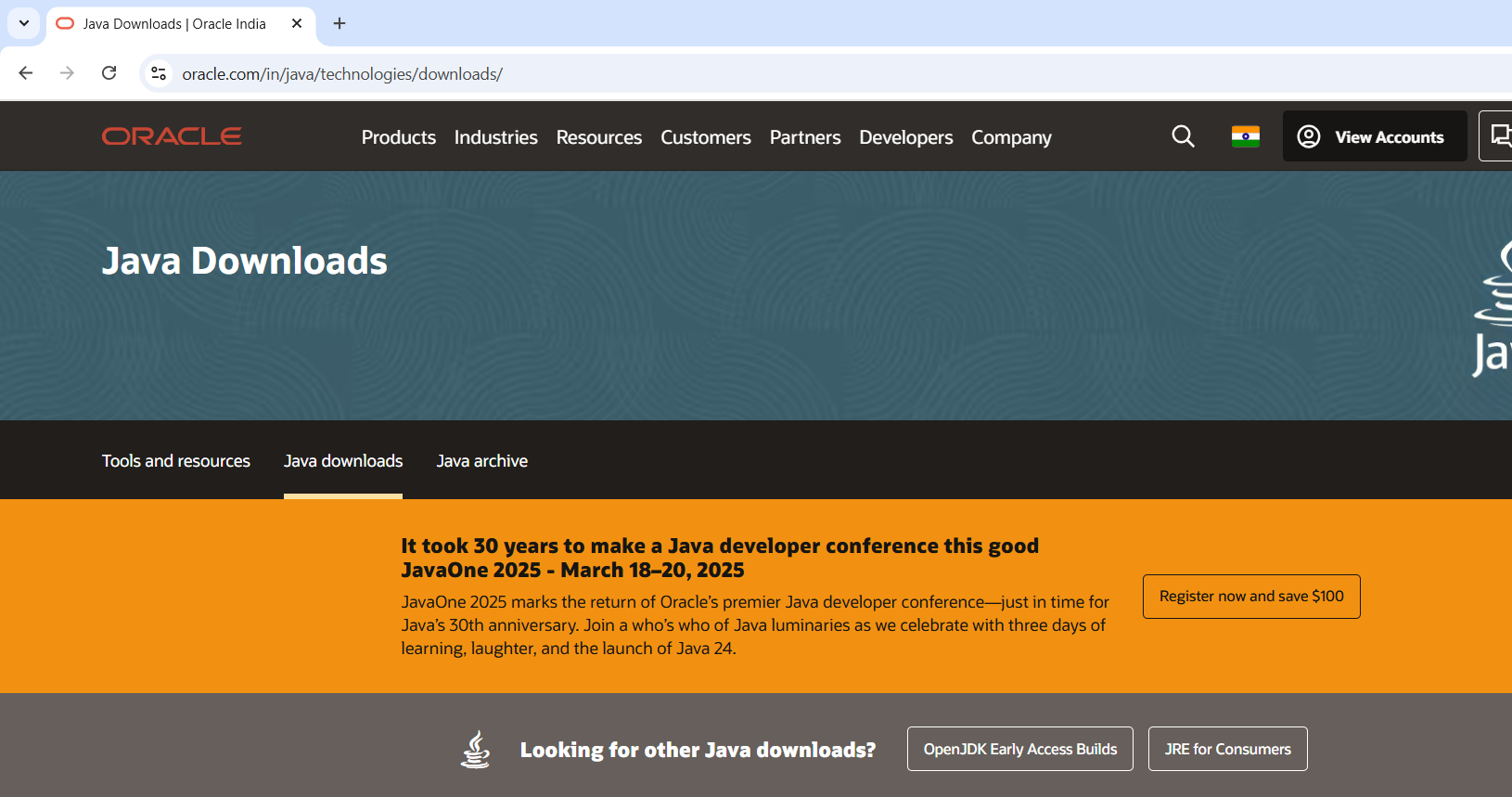
Procedure :-

Step 1**:** Go to google chrome and type "Java download".





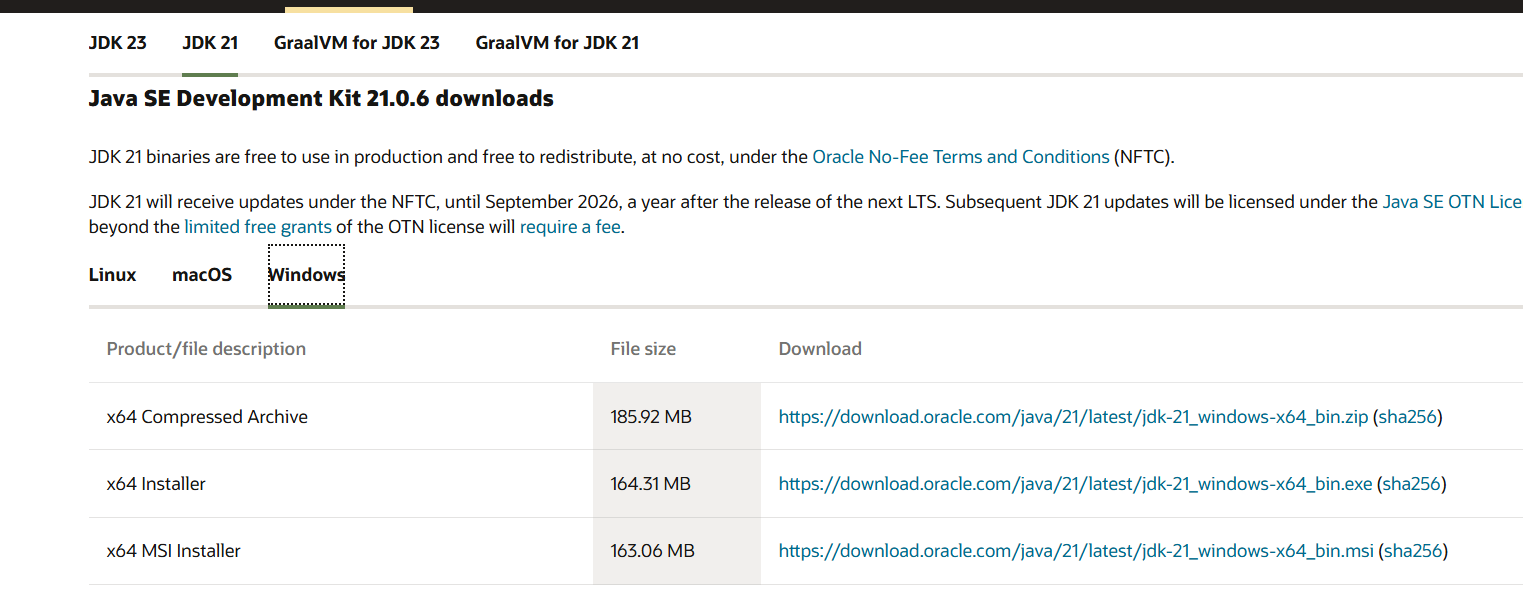
Step 2: Now you have to go to "Java download by ORACLE.com".



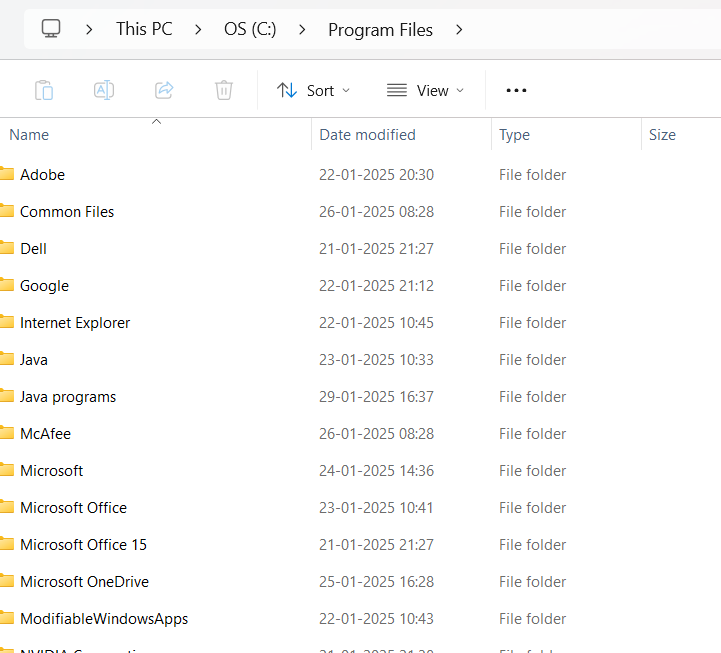
Step 3: You will see various versions of Java like JDK-21, JDK-21 etc. It is always better to download previous versions of Java.



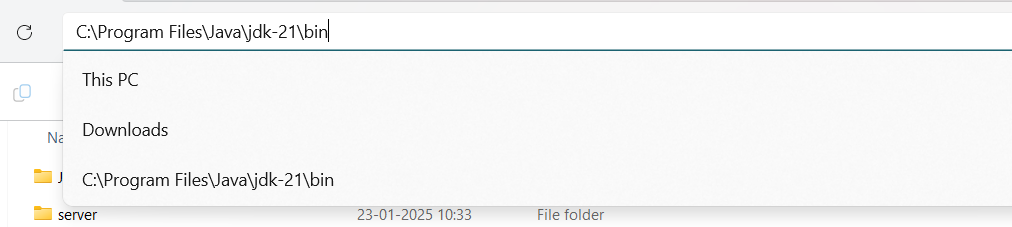
Step 4: Now click on JDK-21 and select to download Windows and click on x64 installer and then JDK-21 is installed in your laptop.



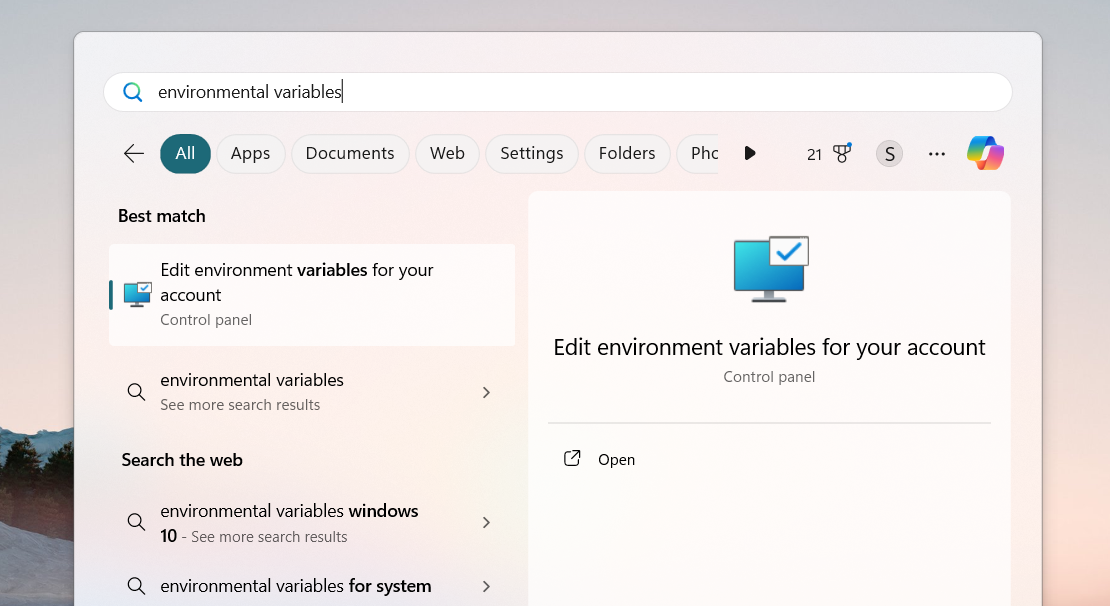
Step 5: The JDK-21 is automatically goes to windows c drive go to program files.



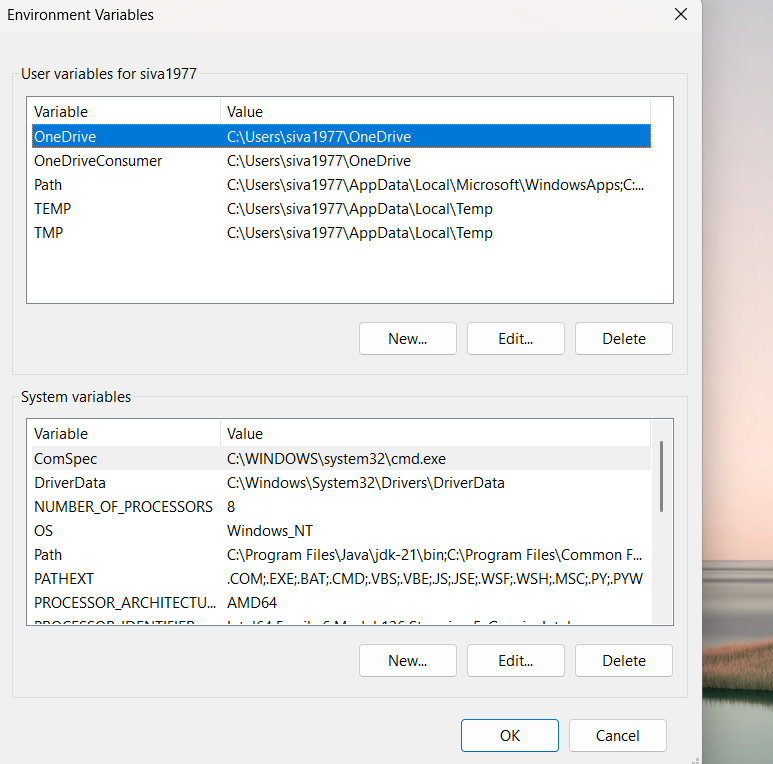
Step 6: Now click on JDK-21 and go to bin then copy the path.



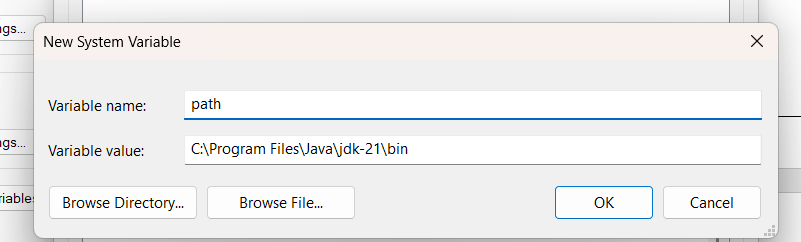
Step 7: Now type Environmental variables in system search box.



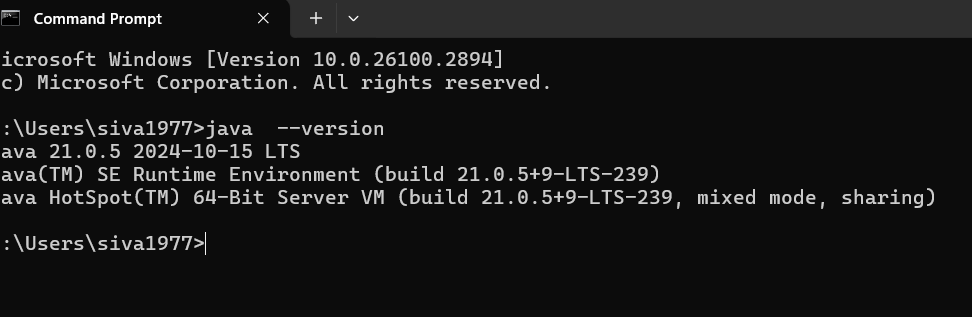
Step 8: Now click on the environmental variable you can see two variable in that it is better to set the path in system variables. There is “new” option in system variables click on that.



Step 9: Now give the variable name and paste the link on below aft that now path is set



Step10: check the jdk-21 is installed in your laptop

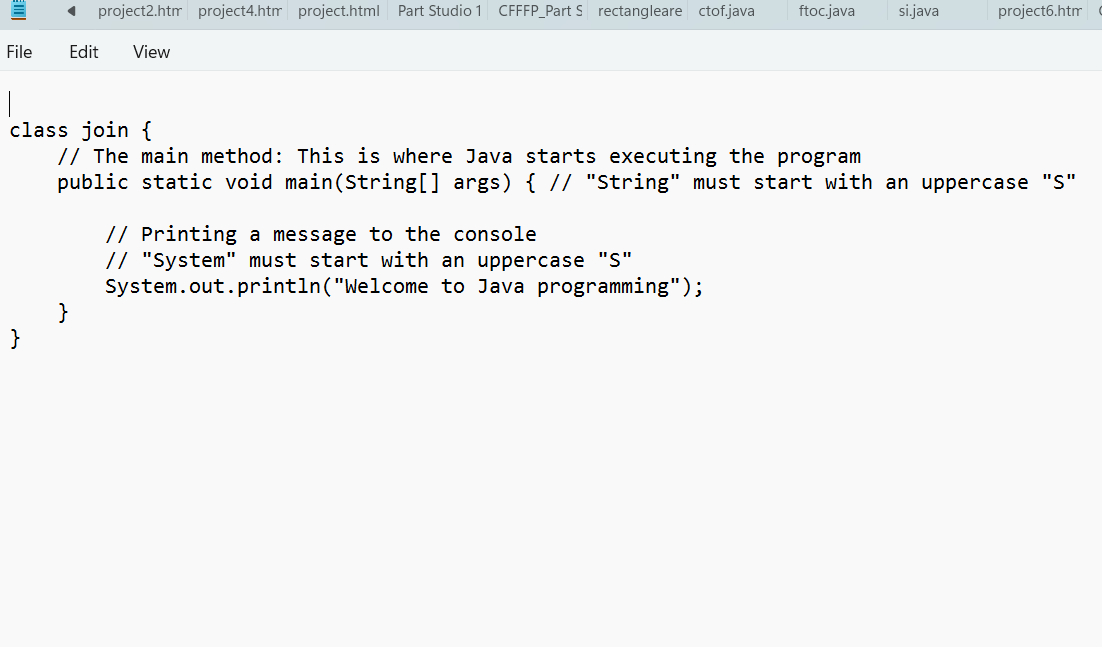


**Program-2**

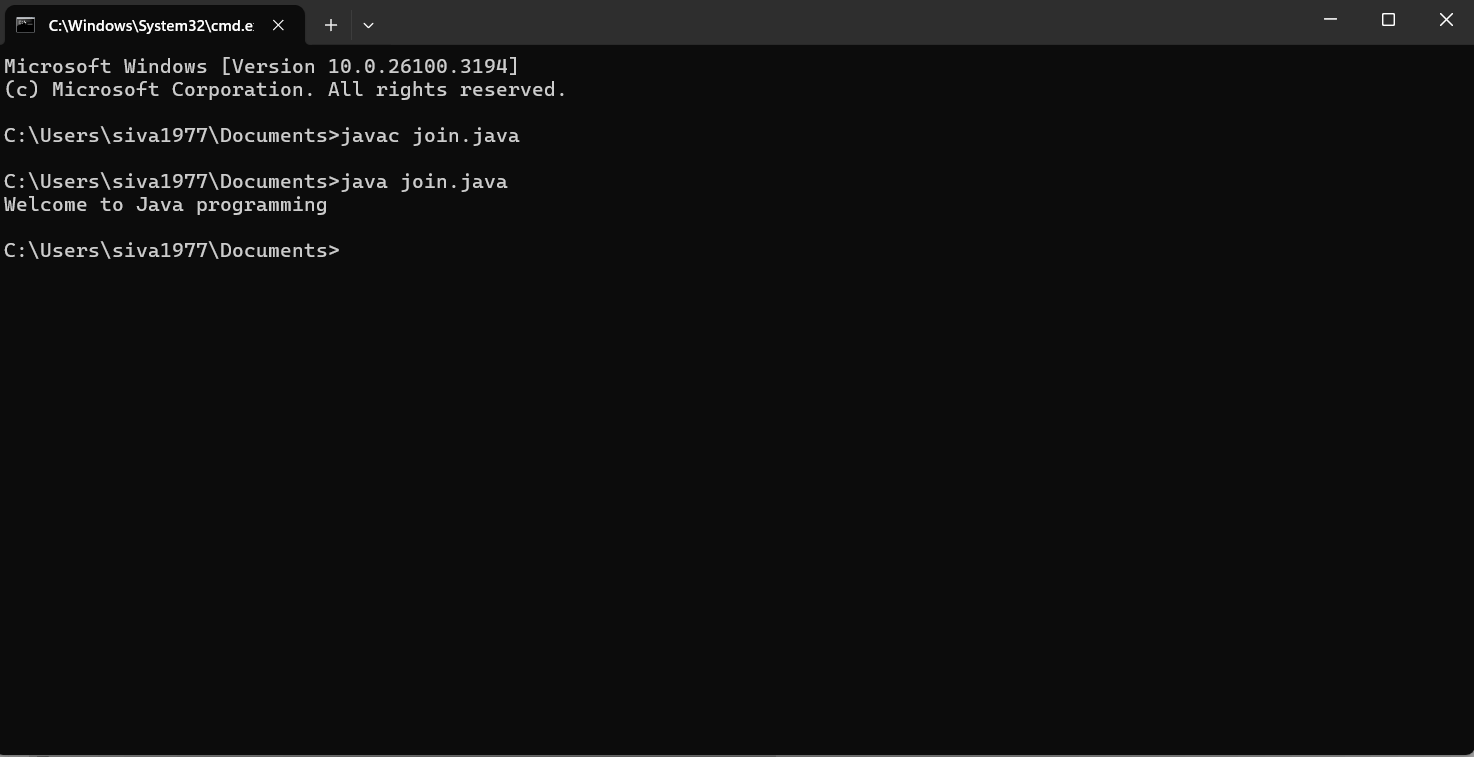
**AIM:-**

Write a java program to print the message “welcome to java program”

**INPUT:-**

****

**Output:-**



Errors:

**Error:** string[] args **|** **Fix:** Change to String[] args

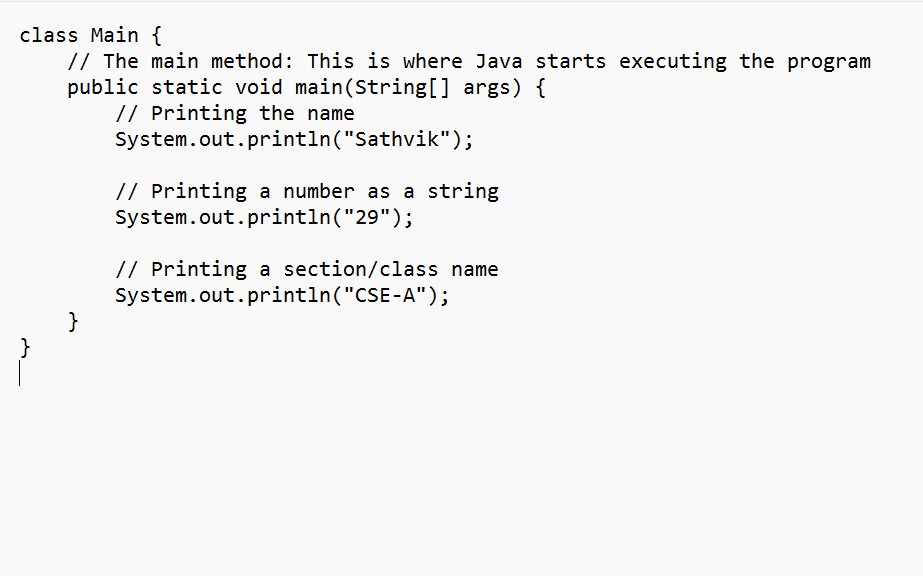
**Error:** system **| Fix:** Change system to “System”

**Program-3**

**AIM:-**

Write a java program to print Name,Rollno,section of a student

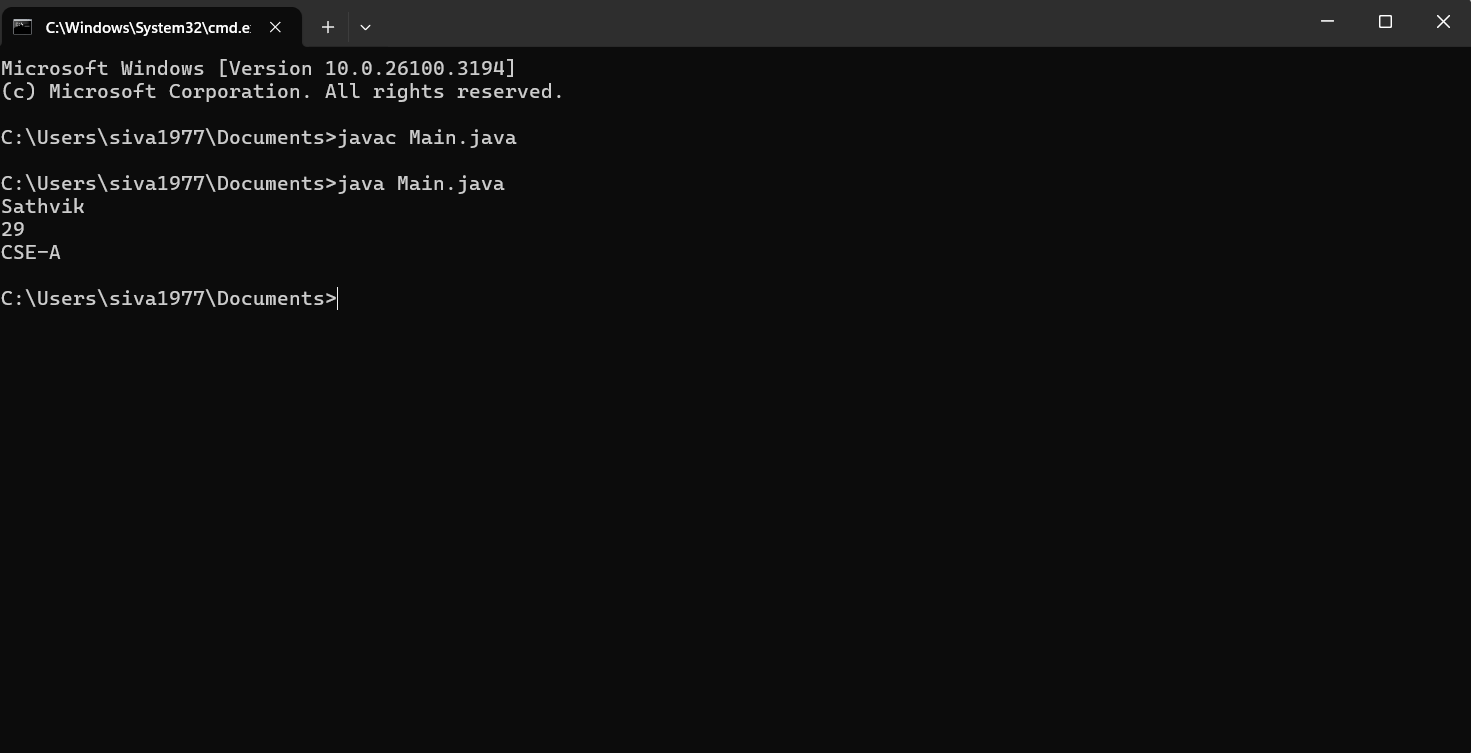
**INPUT:-**

****

**OUTPUT:-**

**Error:** string[] args **|** **Fix:** Change to String[] args

**Error:** system **| Fix:** Change system to “System”

****Errors:

**Error:** string[] args **|** **Fix:** Change to String[] args

**Error:** system **| Fix:** Change system to “System”

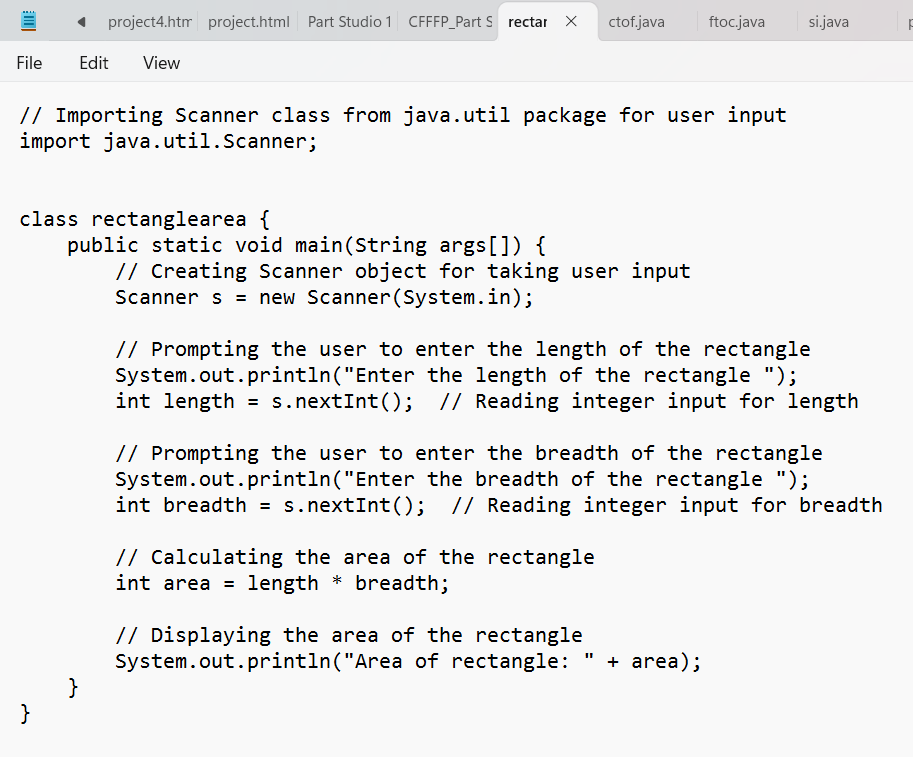
**Error:**System.out.println("Sathvik") | **Fix:** Add a semicolon ; at the end

**WEEK-2**

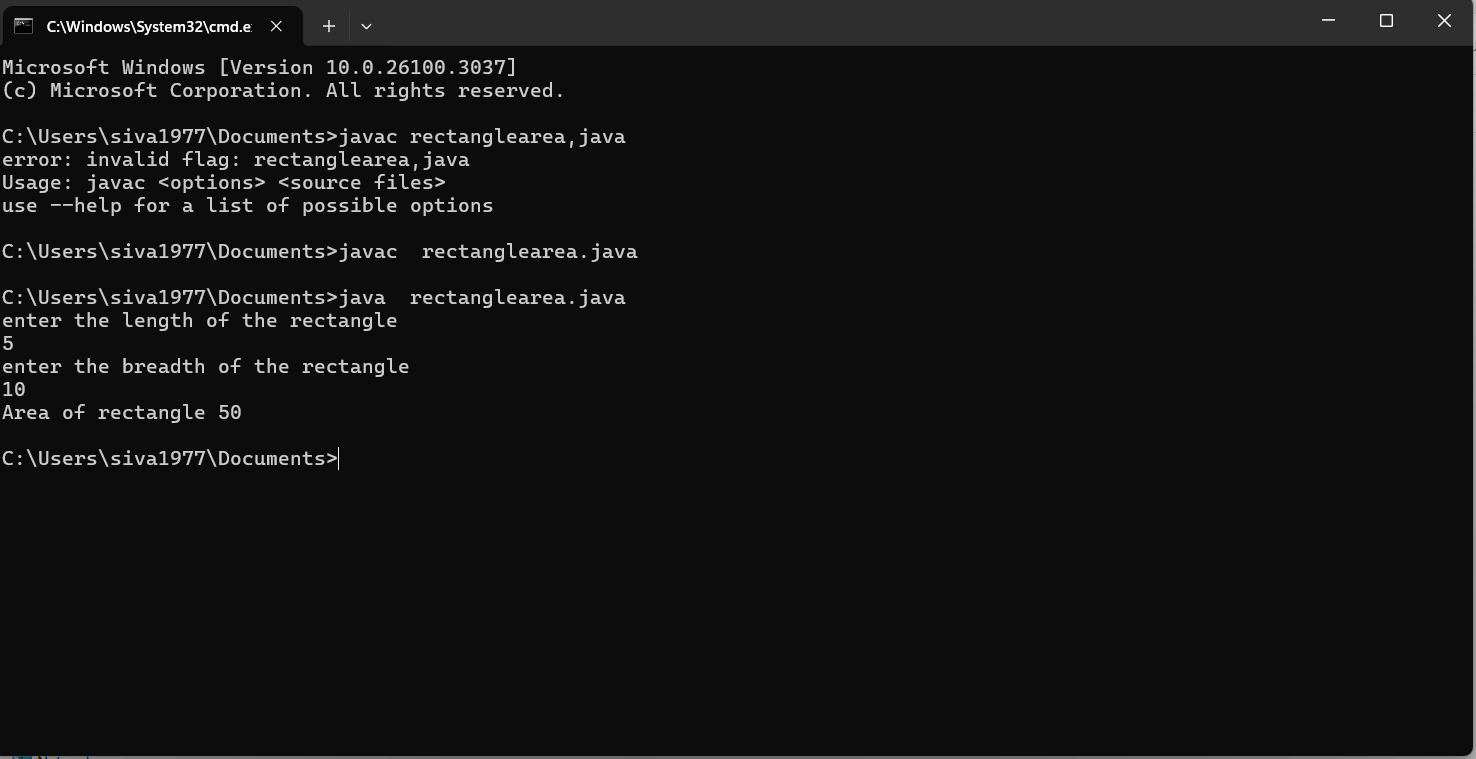
**Program-1**

AIM: Writing a java program to calculate the area of rectangle

**INPUT:**

****

**OUTPUT:**

****

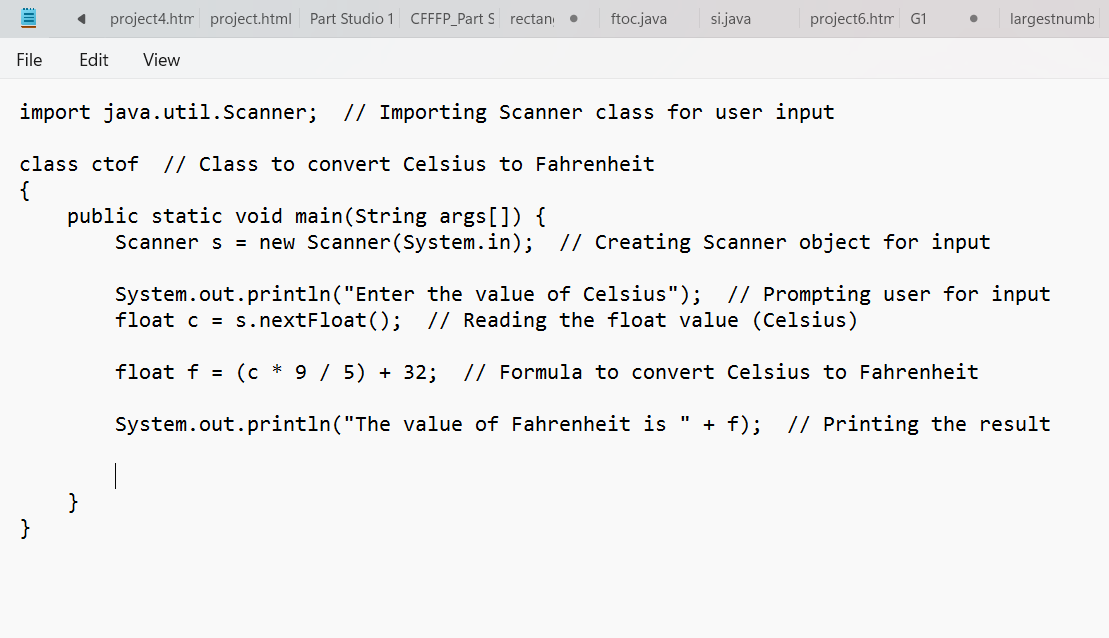
Errors:

**Error:** java util.Scaaner ; | **Fix:** import java.util.Scanner ;

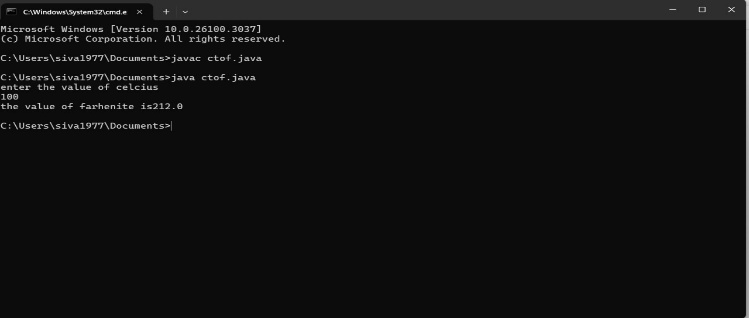
**Program-2**

AIM:Converting temperature from Celsius to fahrenheit

**INPUT:**

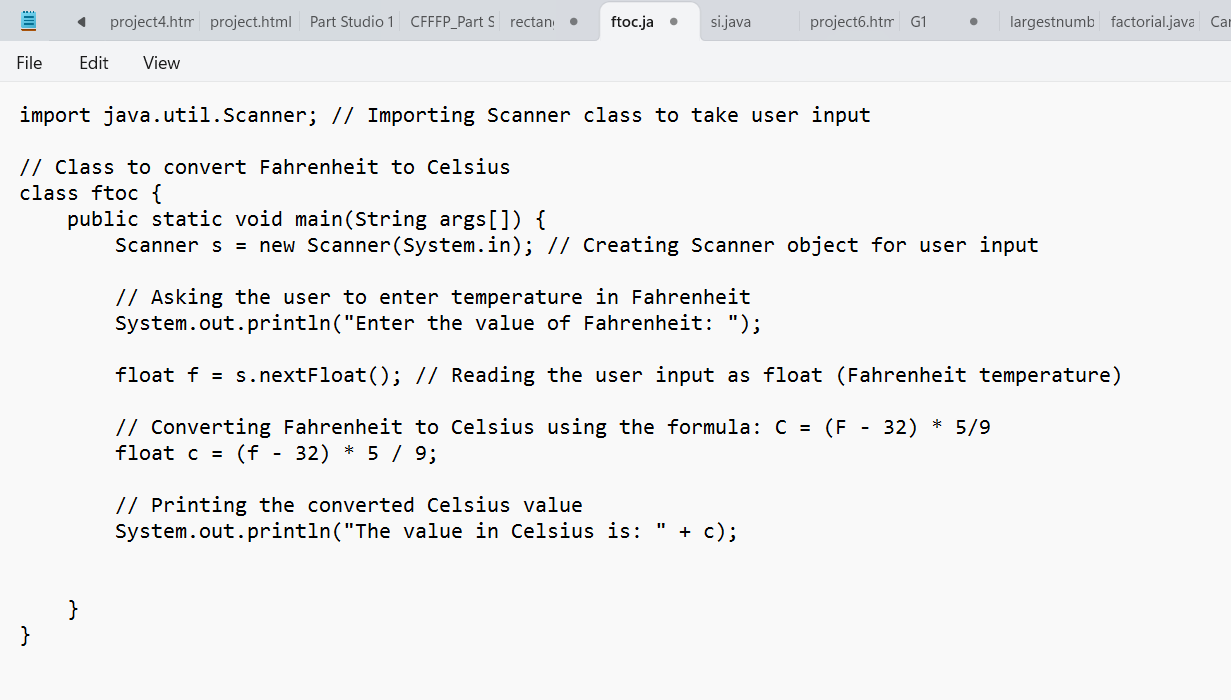
****

**OUTPUT:**

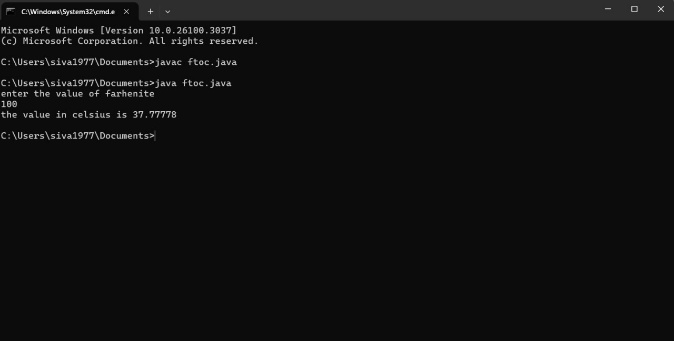


**AIM:**converting temperature from fahrenhiet to celsius

**INPUT:**

****

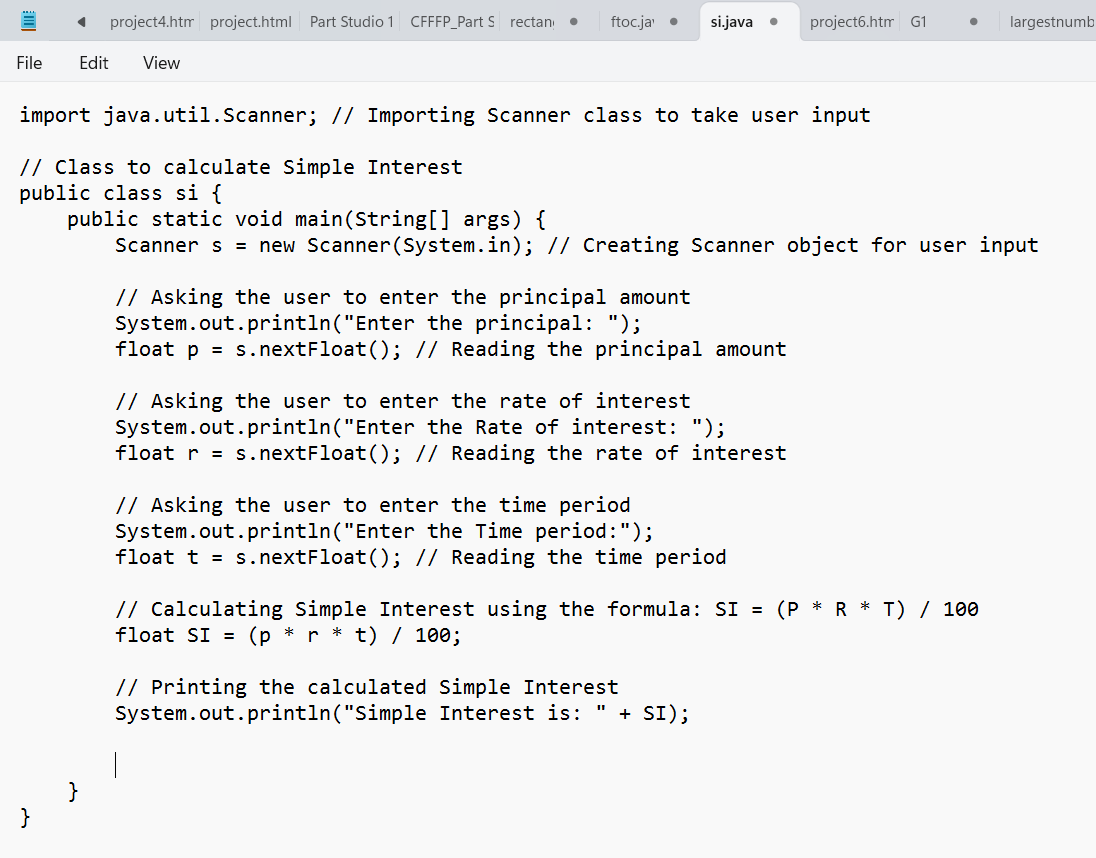
**OUTPUT:**



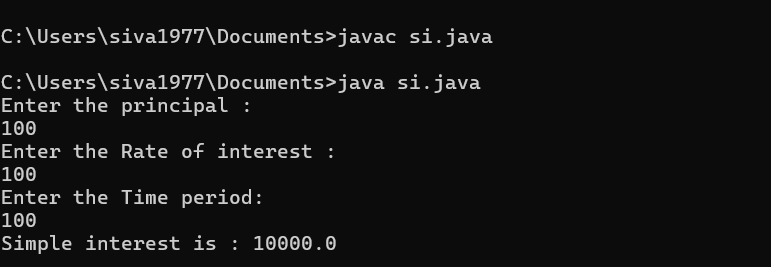
**Program-3**

AIM: calculating simple intrest

**INPUT:**

****

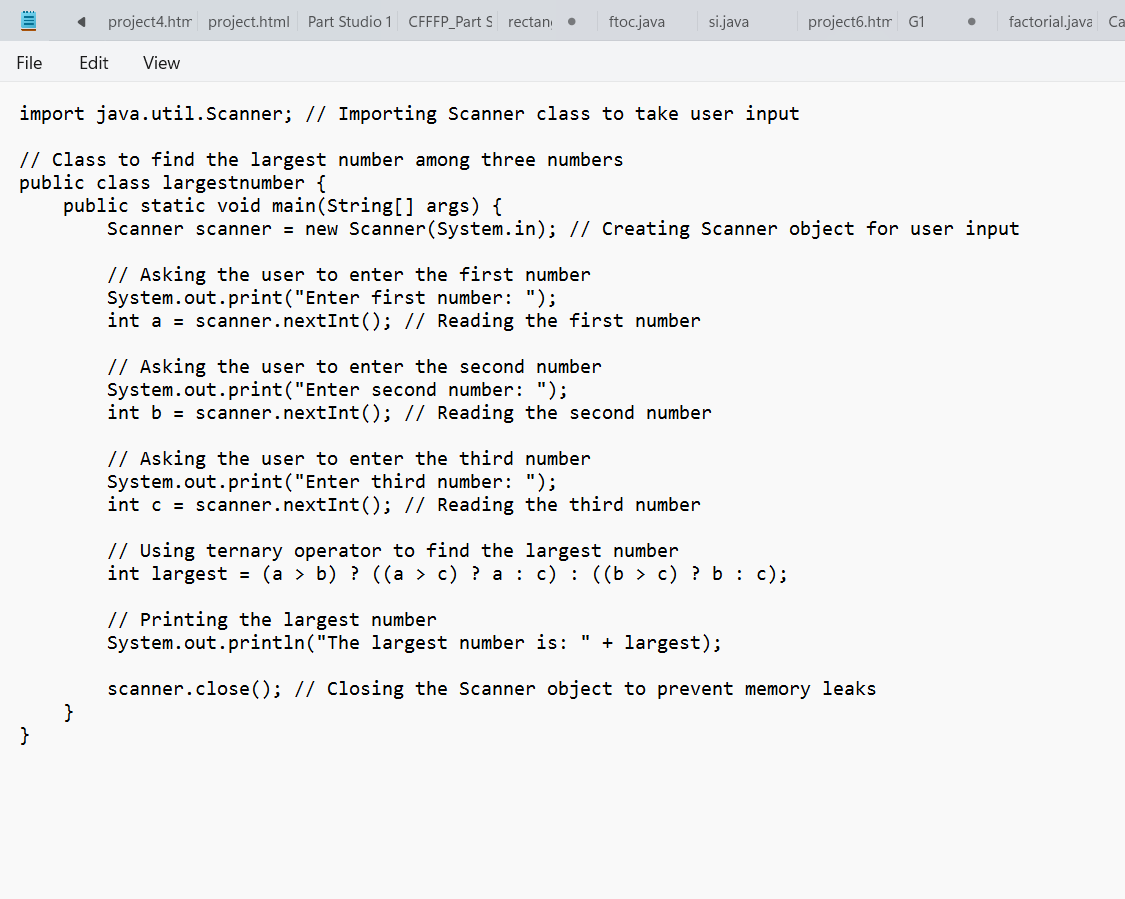
**OUTPUT:**

****

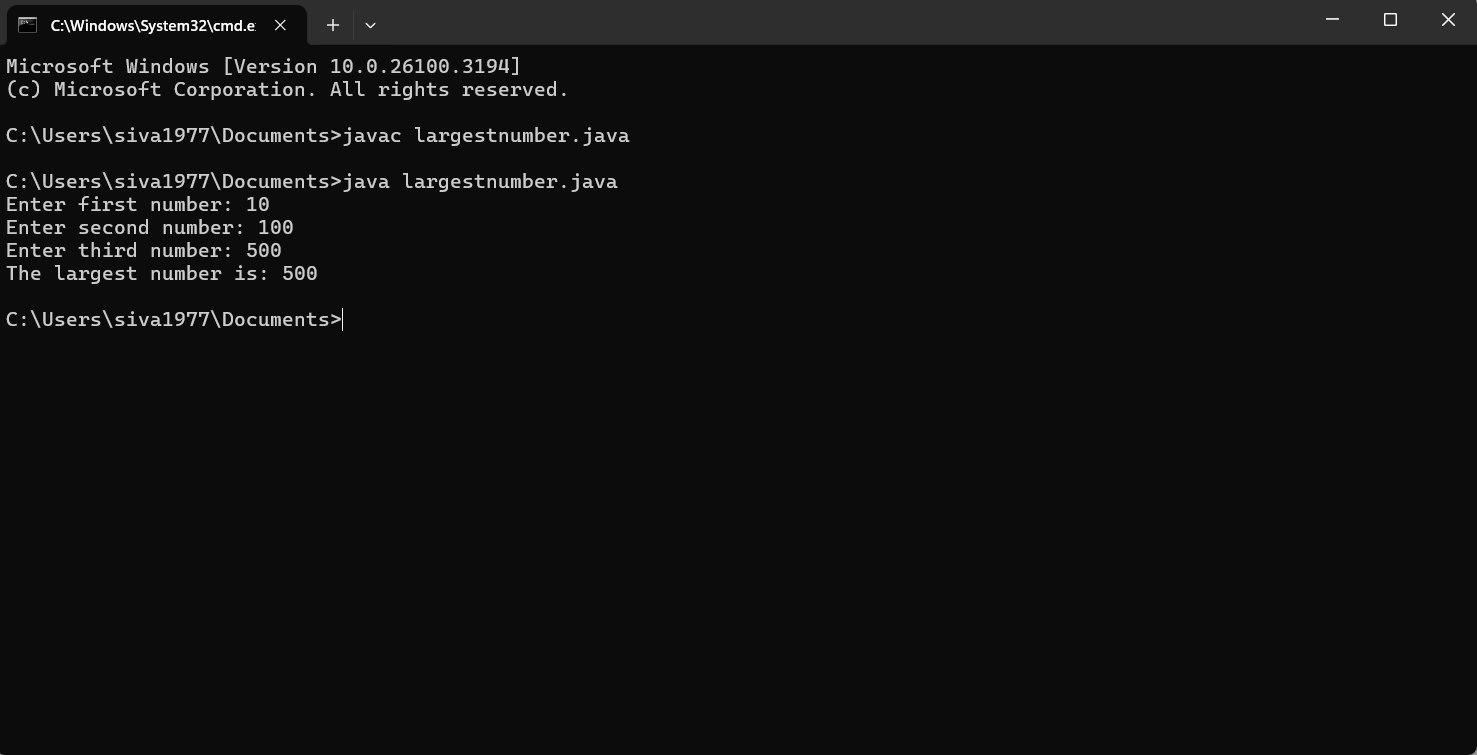
**Program-4**

AIM:Finding the largest of three numbers using the ternary operators

**INPUT:**

****

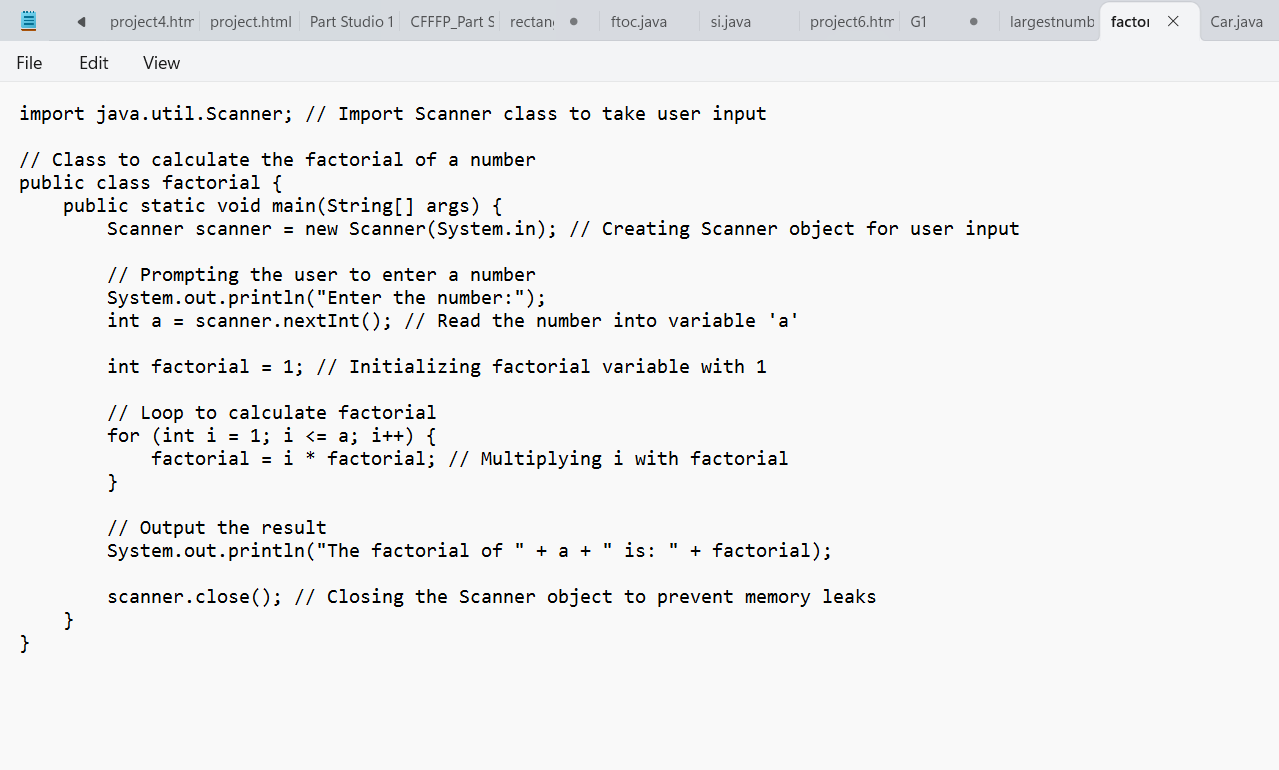
**OUTPUT:**

****

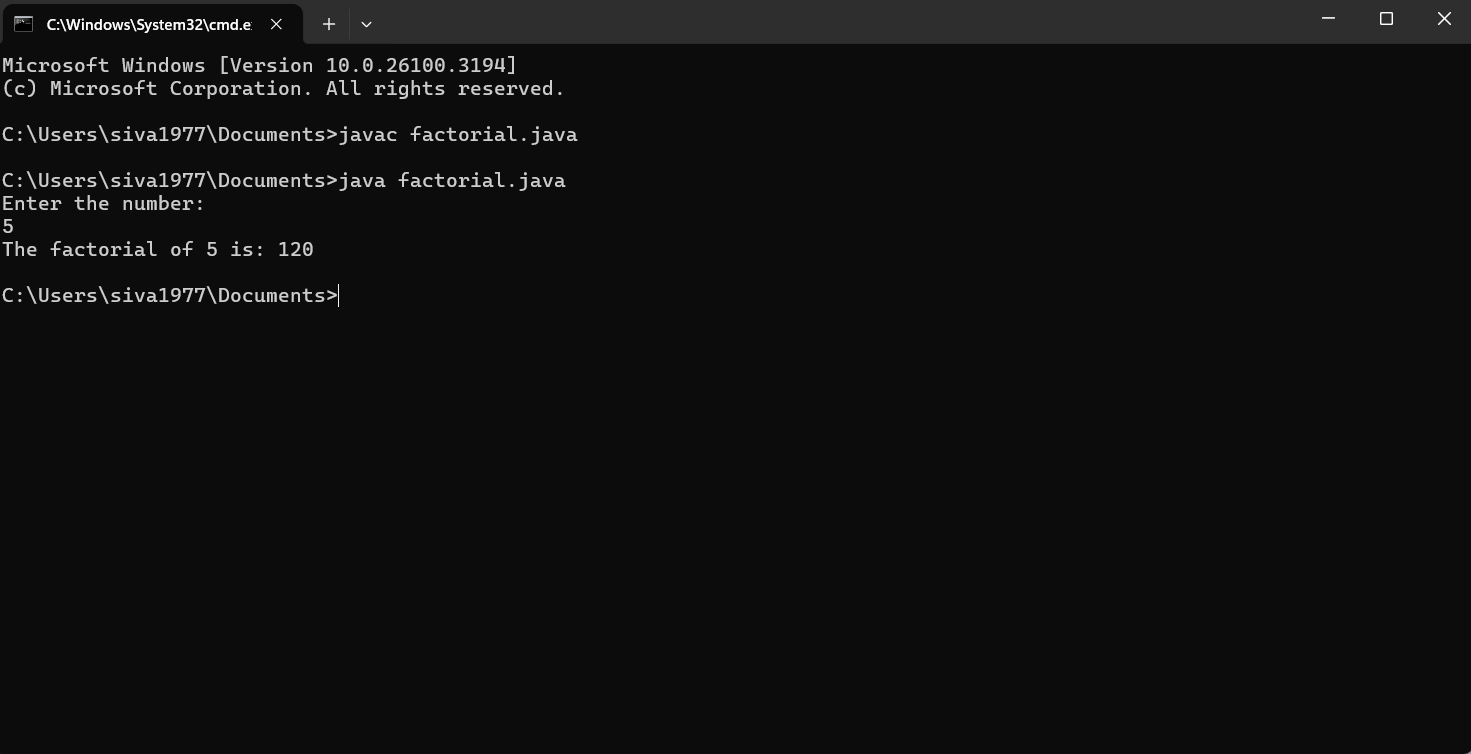
**Program-5**

AIM: Finding the factorial of a number

**INPUT:**

****

**OUTPUT:**

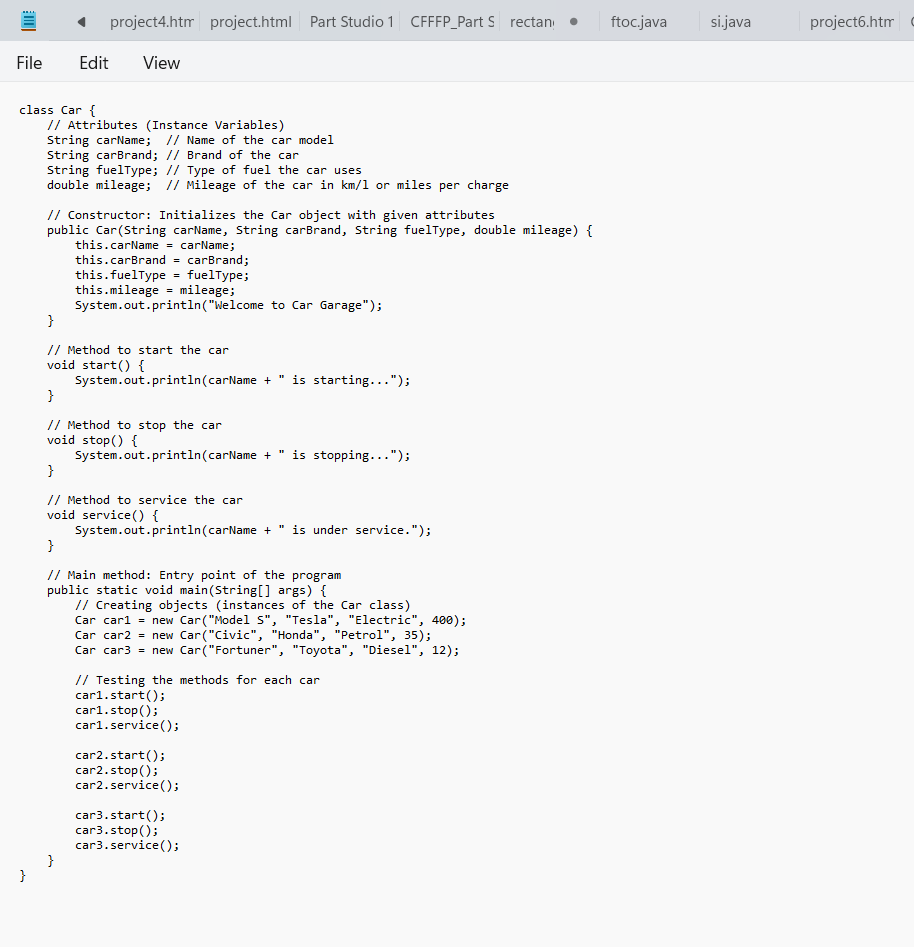
****

**WEEK-3**

**Program-1**

Aim:

**INPUT:**

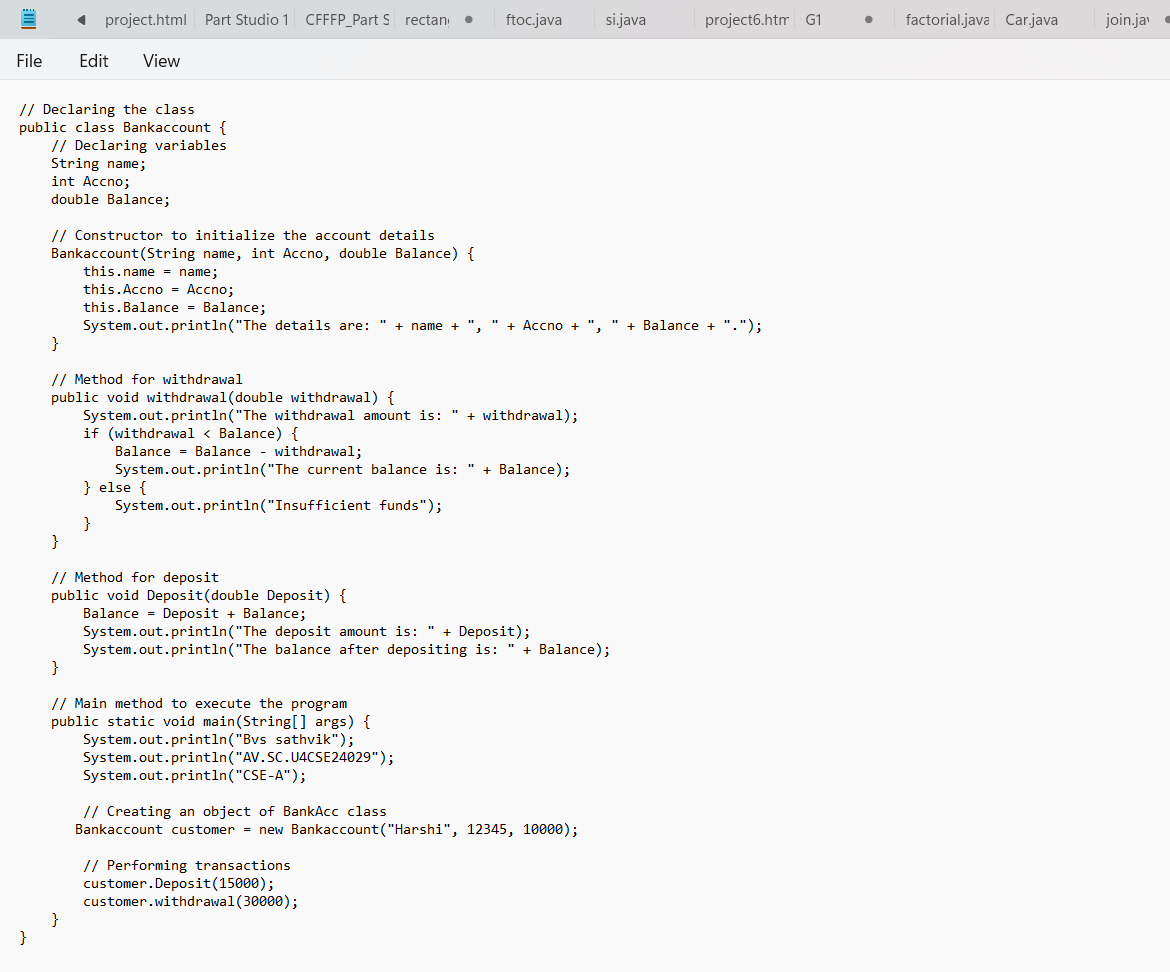
****

**OUTPUT:**

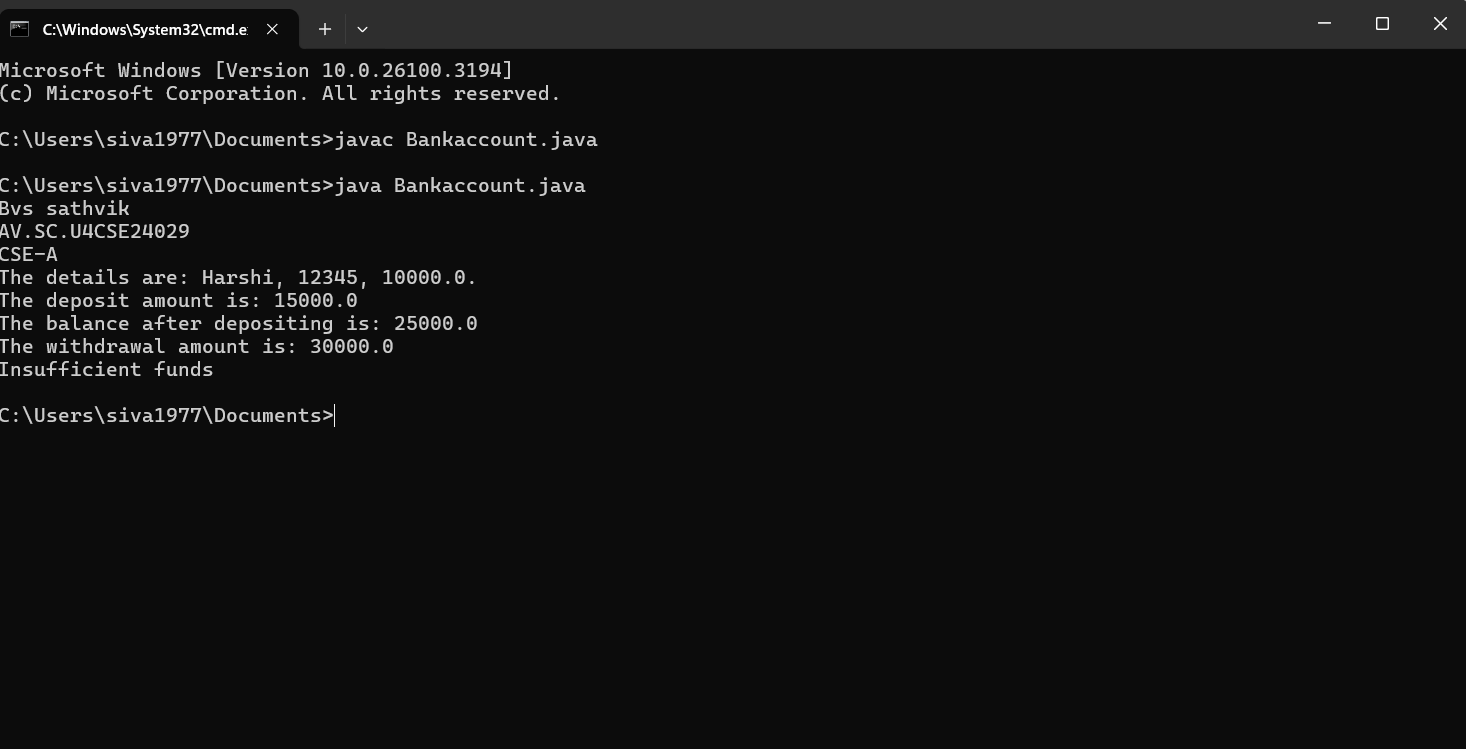
****

**Program-2**

**INPUT:**

****

**OUTPUT:**

****