SPECIAL ASSIGNMENT IN COMPUTER GRAPHICS

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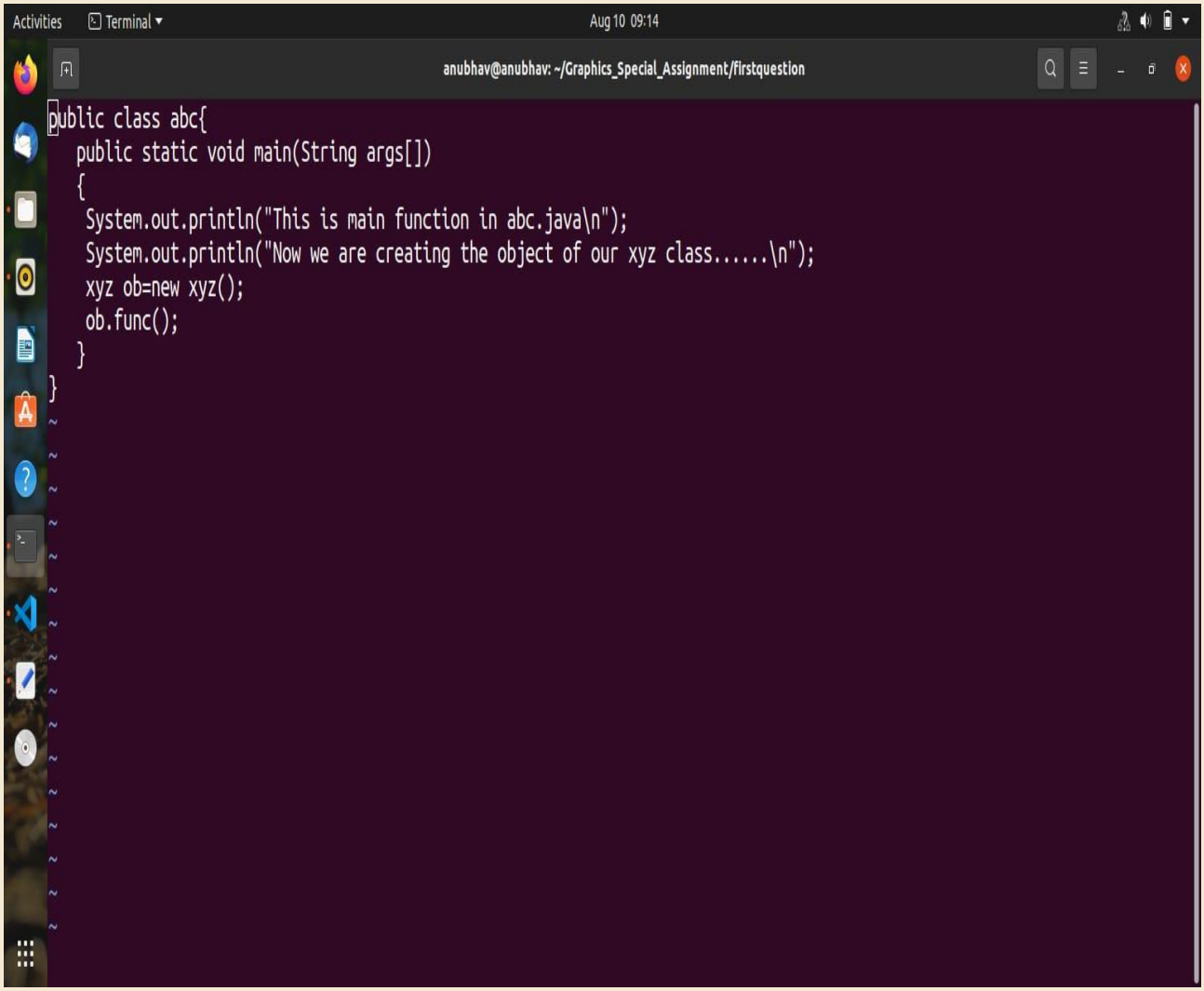
ENROLLMENT NUMBER-2020CSB102
DEPARTMENT-COMPUTER SCIENCE AND TECHNOLOGY

Subject-Special Assignment of Computer Graphics

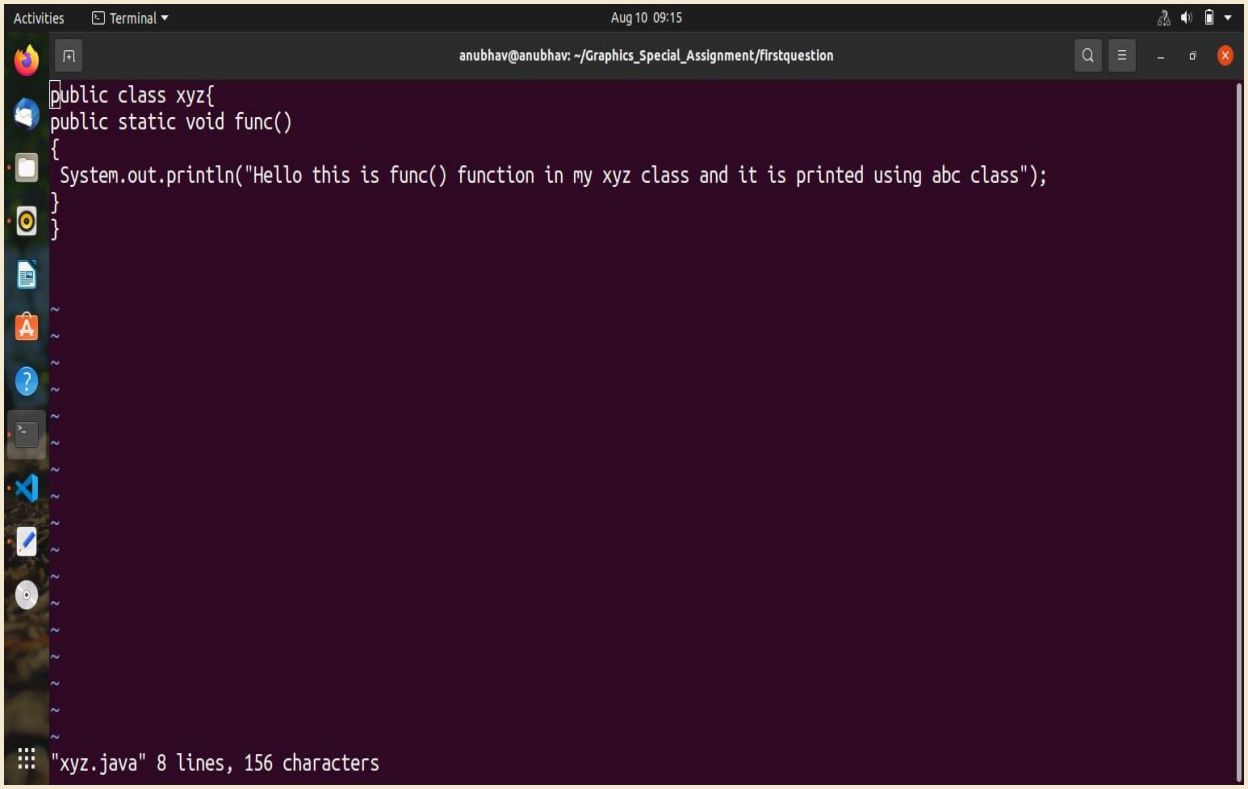
1.Develop a class 'First' that uses object of another class 'Second' using default package

ANS-

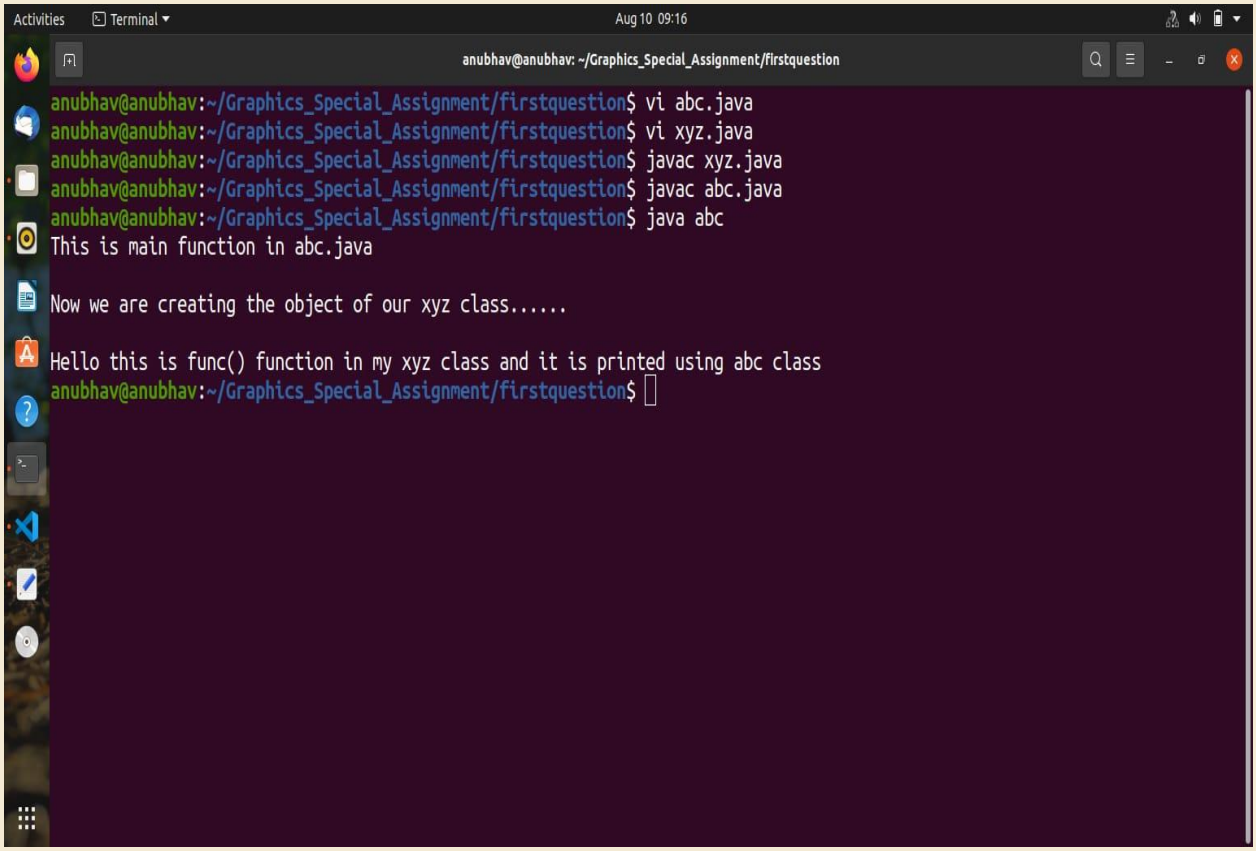
abc.java-



xyz.java-



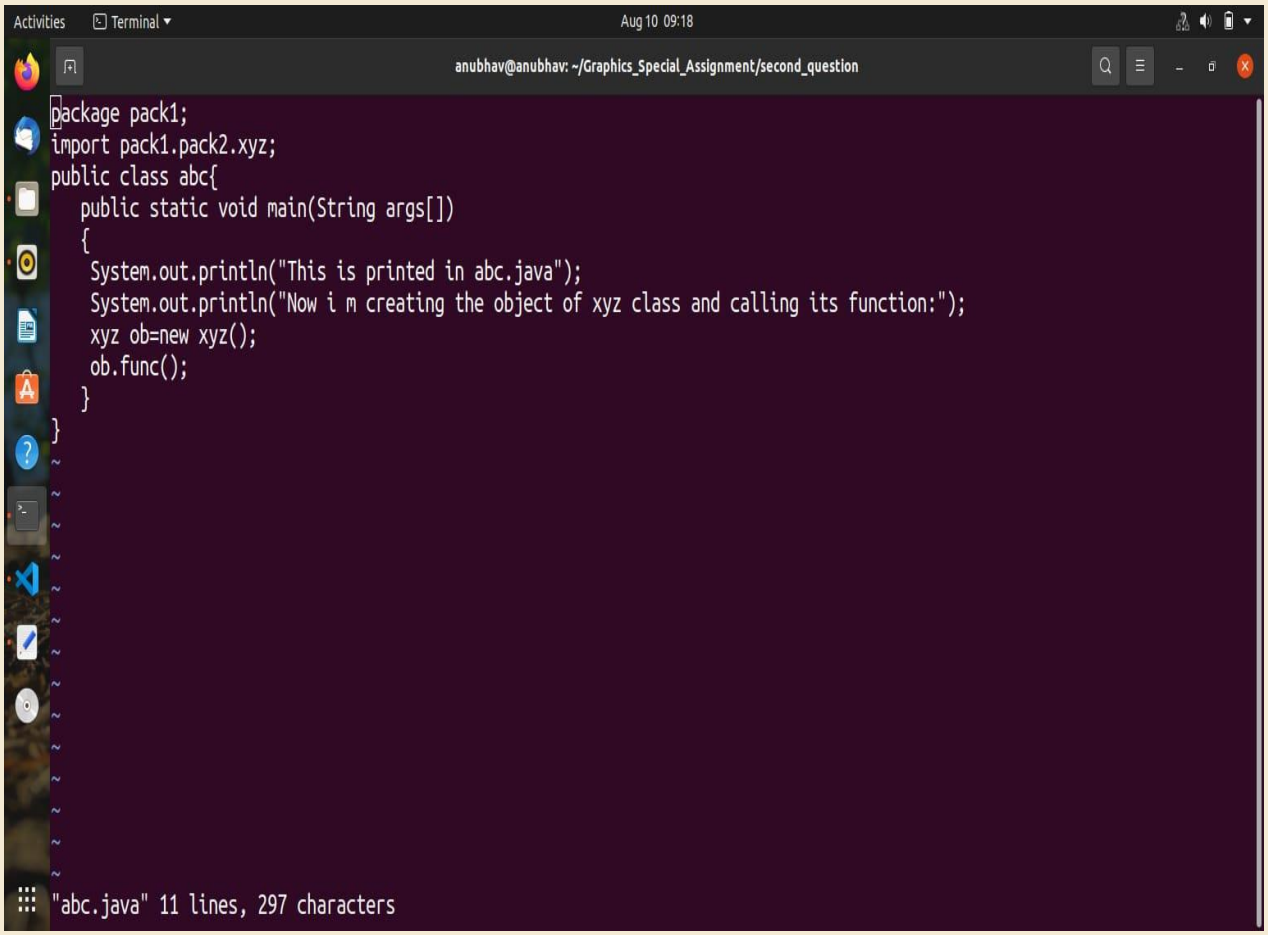
Output(Terminal)-


Activities
Terminal
Aug 10 09:16
anubhav@anubhav: ~/Graphics_Special_Assignment/firstquestion
anubhav@anubhav:~/Graphics_Special_Assignment/firstquestion$ vi abc.java
anubhav@anubhav:~/Graphics_Special_Assignment/firstquestion$ vi xyz.java
anubhav@anubhav:~/Graphics_Special_Assignment/firstquestion$ javac xyz.java
anubhav@anubhav:~/Graphics_Special_Assignment/firstquestion$ javac abc.java
anubhav@anubhav:~/Graphics_Special_Assignment/firstquestion$ java abc
This is main function in abc.java
Now we are creating the object of our xyz class.....
Hello this is func() function in my xyz class and it is printed using abc class
anubhav@anubhav:~/Graphics_Special_Assignment/firstquestion$

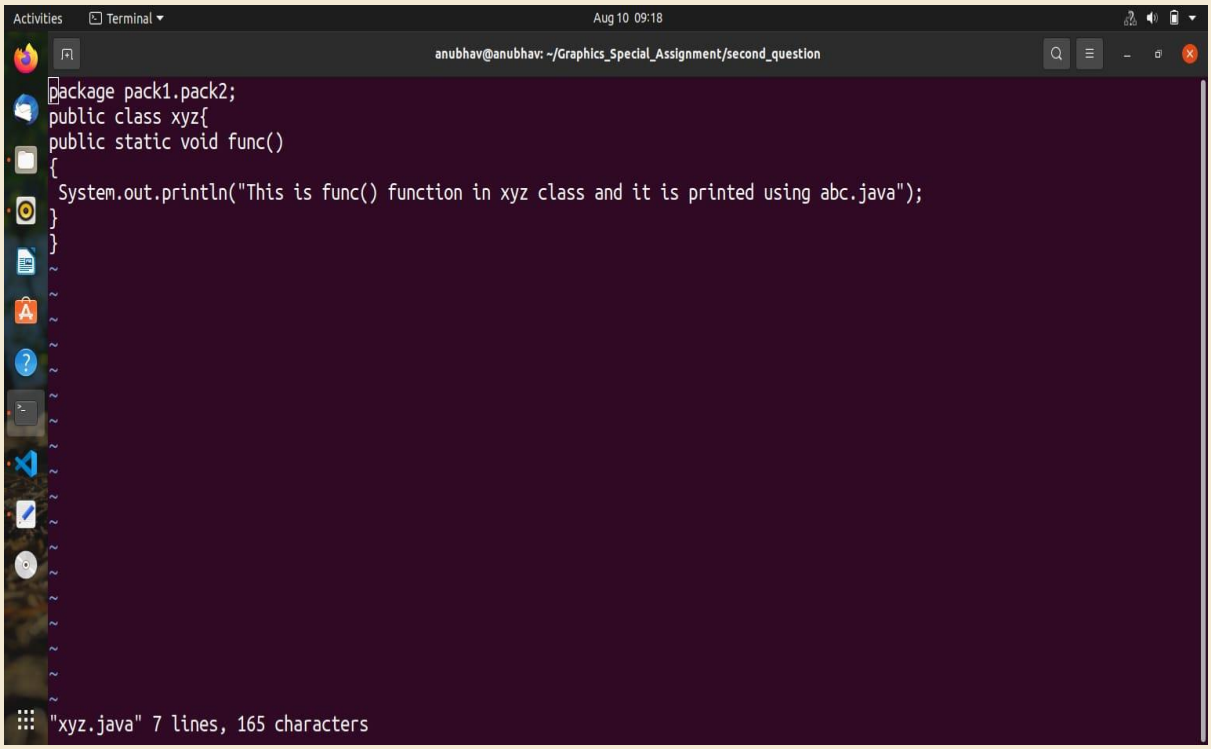
2. Develop a class 'First' that uses object of another class 'Second' using user defined package

Ans-

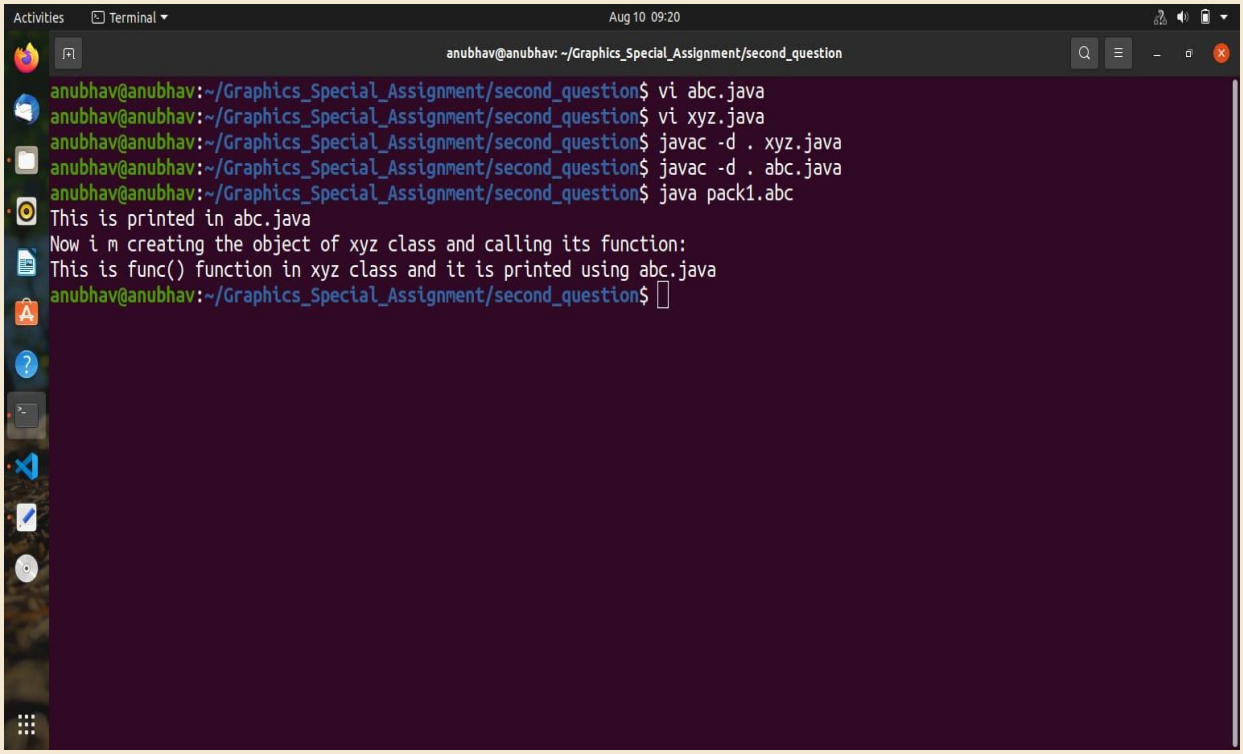
abc.java-



xyz.java-



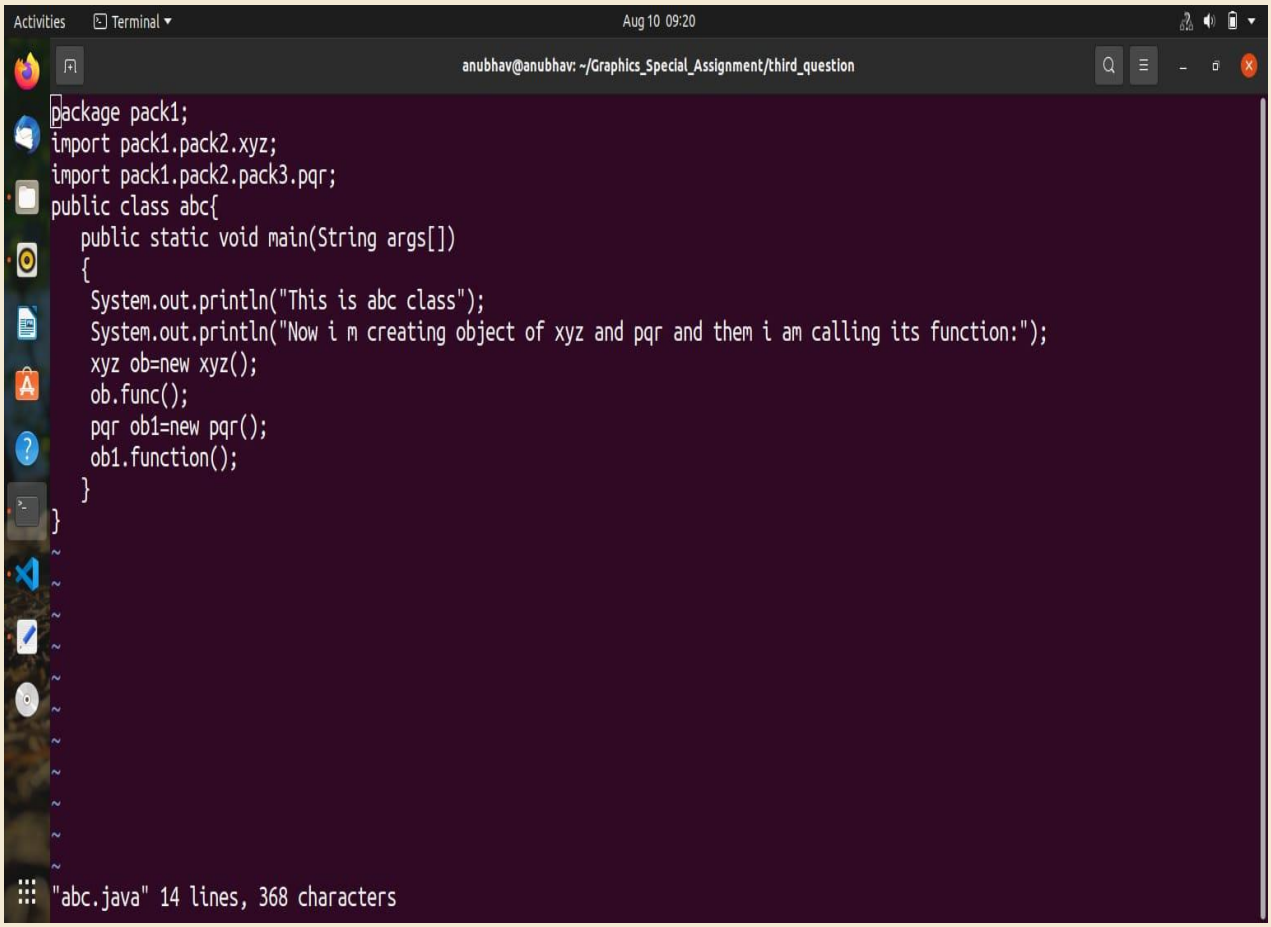
Output-



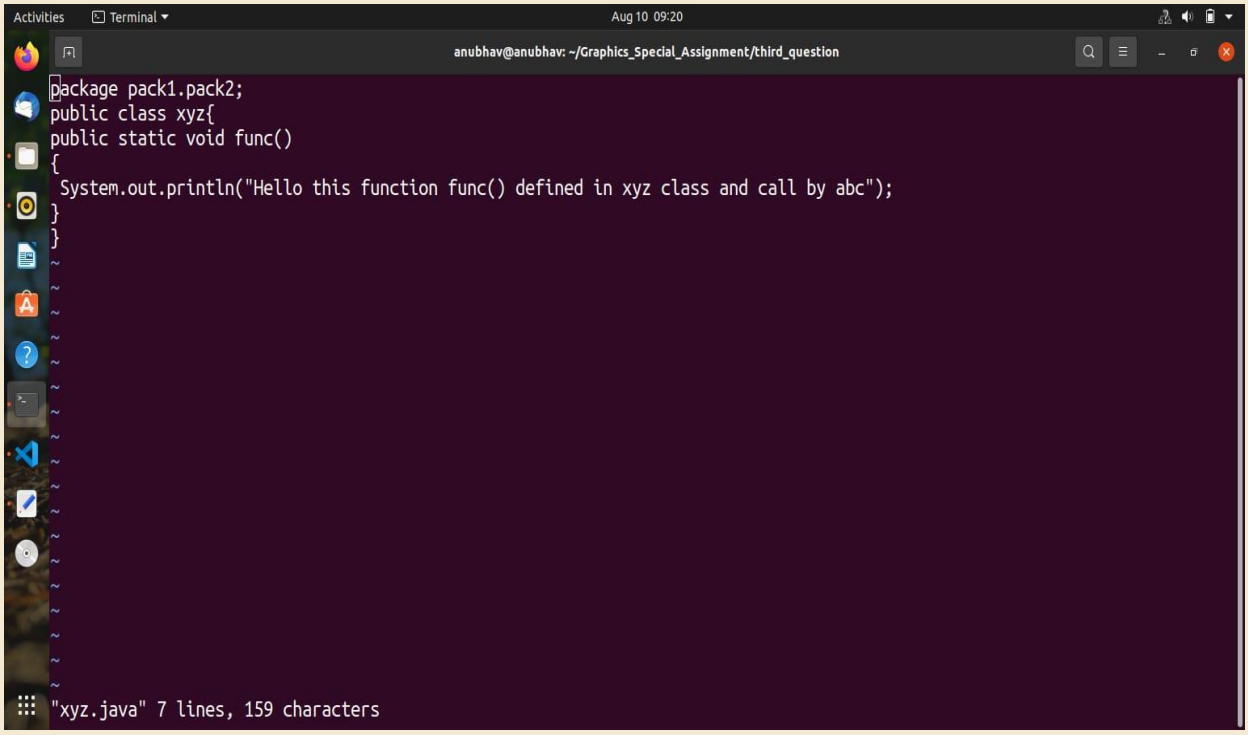
3. Develop a class 'First' that uses object of another class 'Third' using user defined nested package .

Ans-

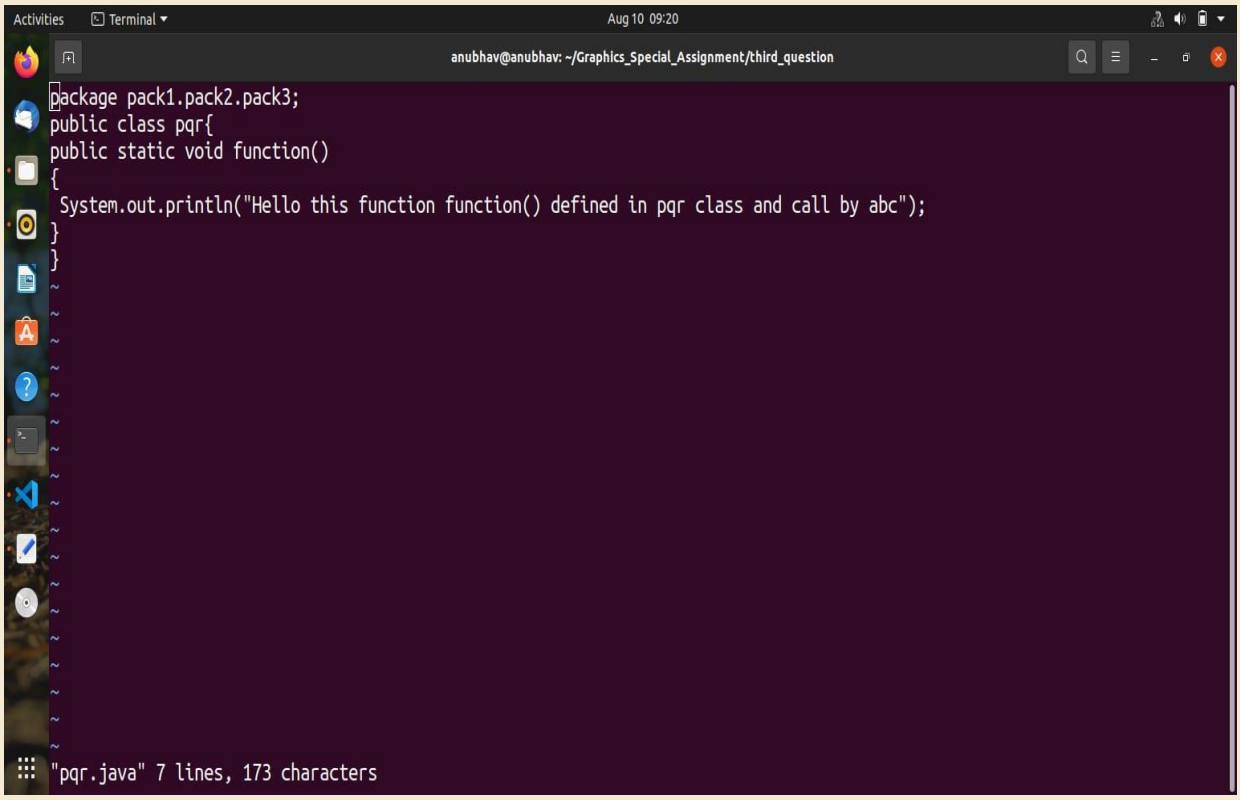
abc.java-



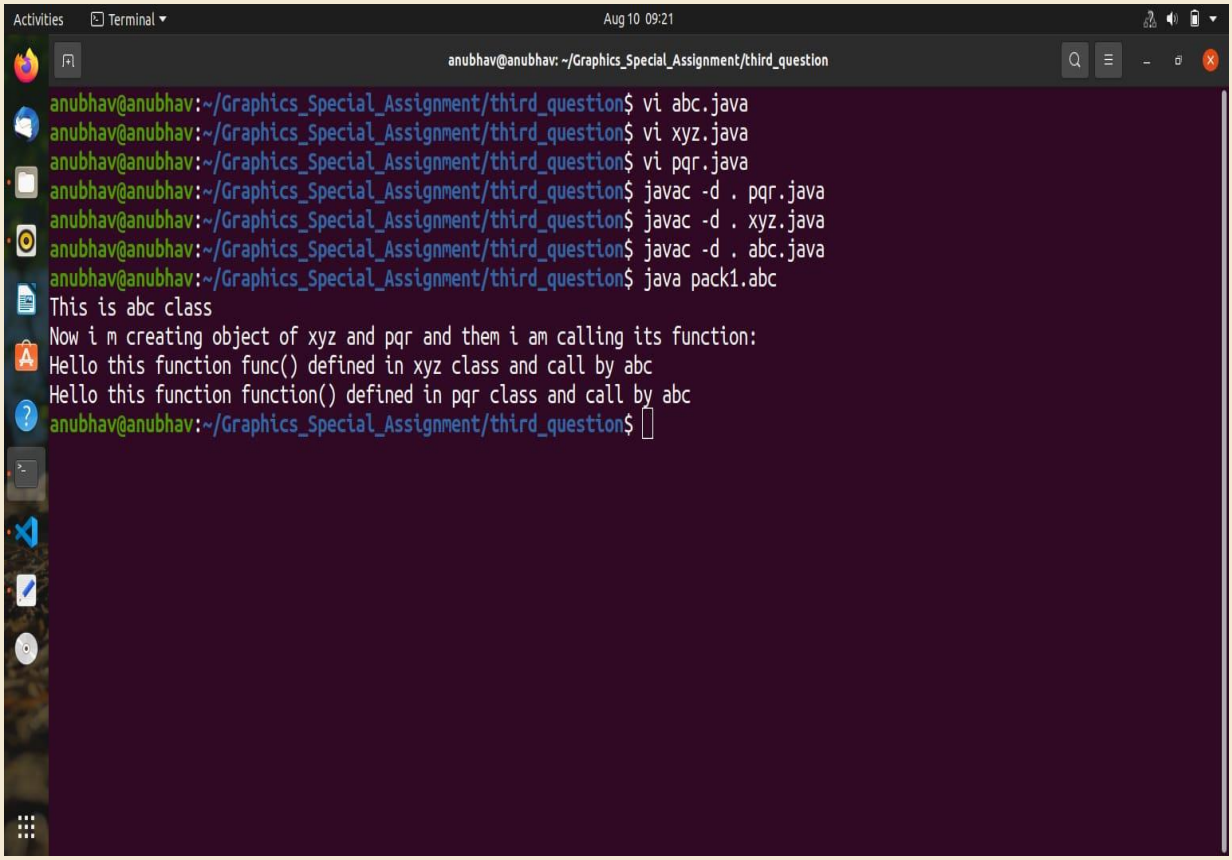
xyz.java-



pqr.java-



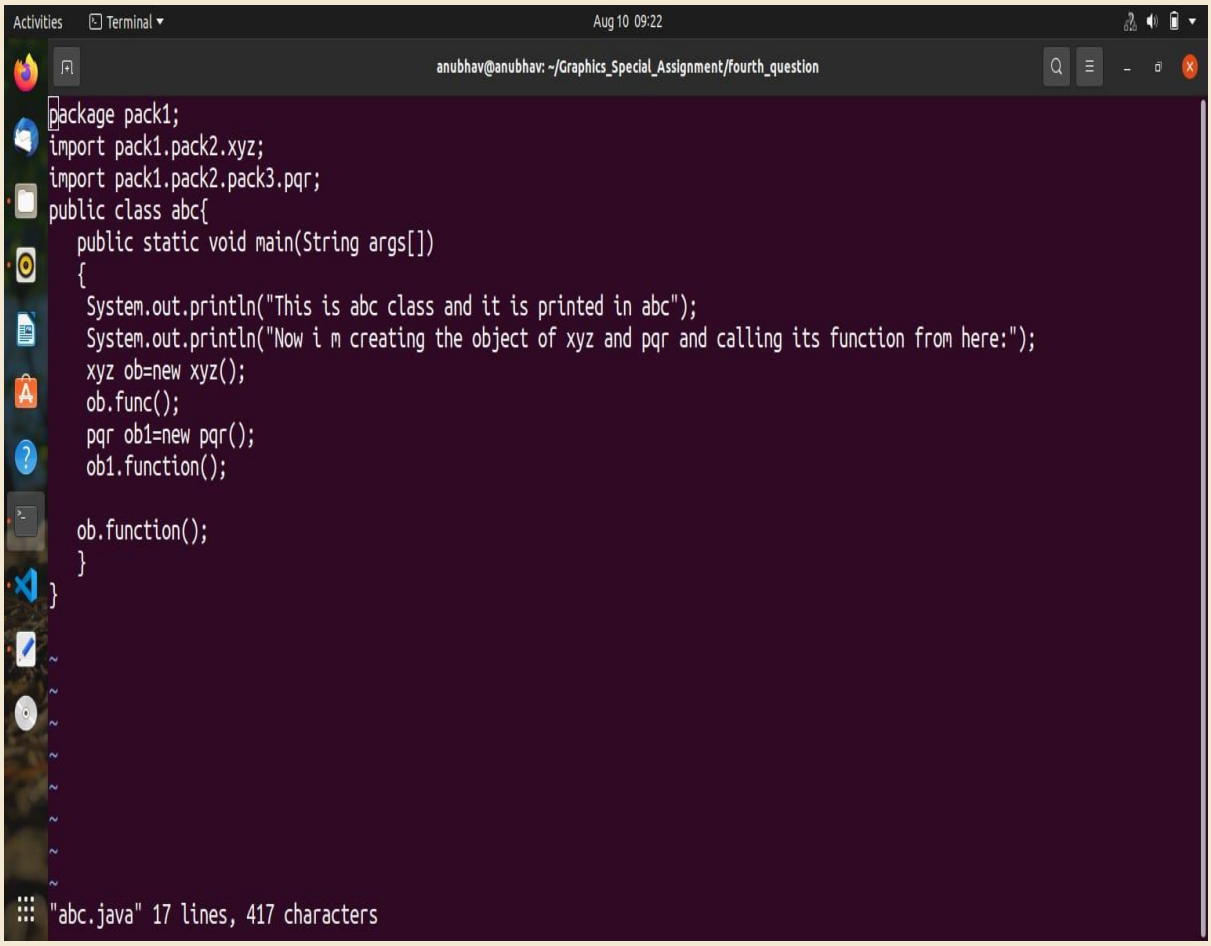
Output-


Activities
Terminal
Aug 10 09:21
anubhav@anubhav: ~/Graphics_Special_Assignment/third_question
anubhav@anubhav:~/Graphics_Special_Assignment/third_question$ vi abc.java
anubhav@anubhav:~/Graphics_Special_Assignment/third_question$ vi xyz.java
anubhav@anubhav:~/Graphics_Special_Assignment/third_question$ vi pqr.java
anubhav@anubhav:~/Graphics_Special_Assignment/third_question$ javac -d . pqr.java
anubhav@anubhav:~/Graphics_Special_Assignment/third_question$ javac -d . xyz.java
anubhav@anubhav:~/Graphics_Special_Assignment/third_question$ javac -d . abc.java
anubhav@anubhav:~/Graphics_Special_Assignment/third_question$ java pack1.abc
This is abc class
Now i m creating object of xyz and pqr and them i am calling its function:
Hello this function func() defined in xyz class and call by abc
Hello this function function() defined in pqr class and call by abc
anubhav@anubhav:~/Graphics_Special_Assignment/third_question$

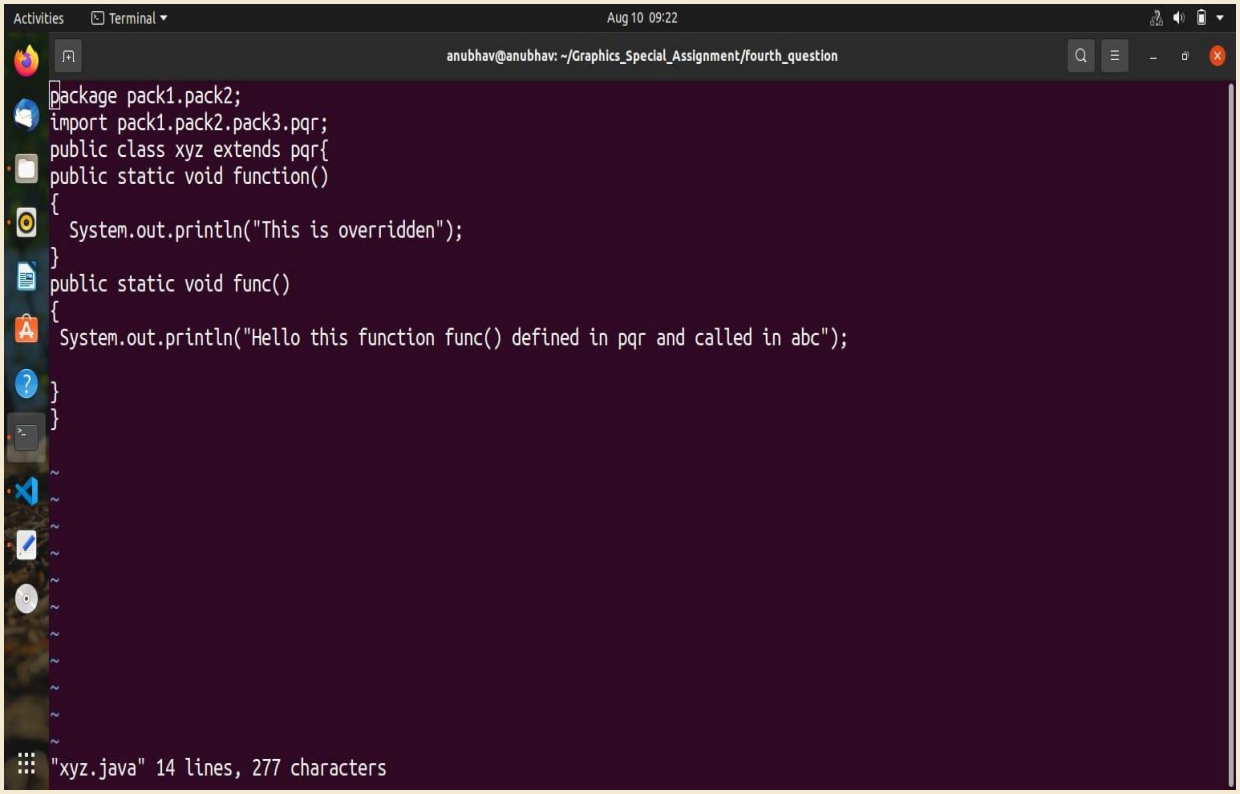
4. Develop a program to show inheritance in java using user defined package

Ans-

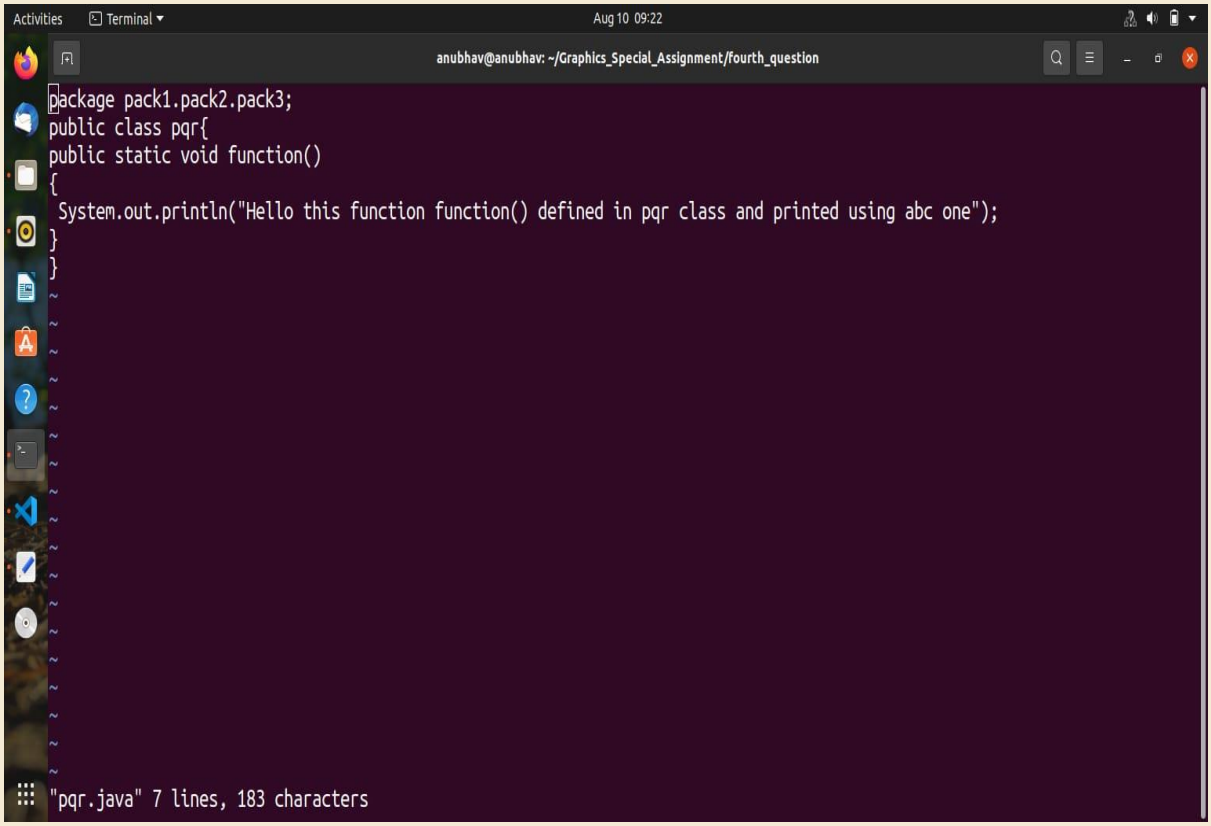
abc.java-



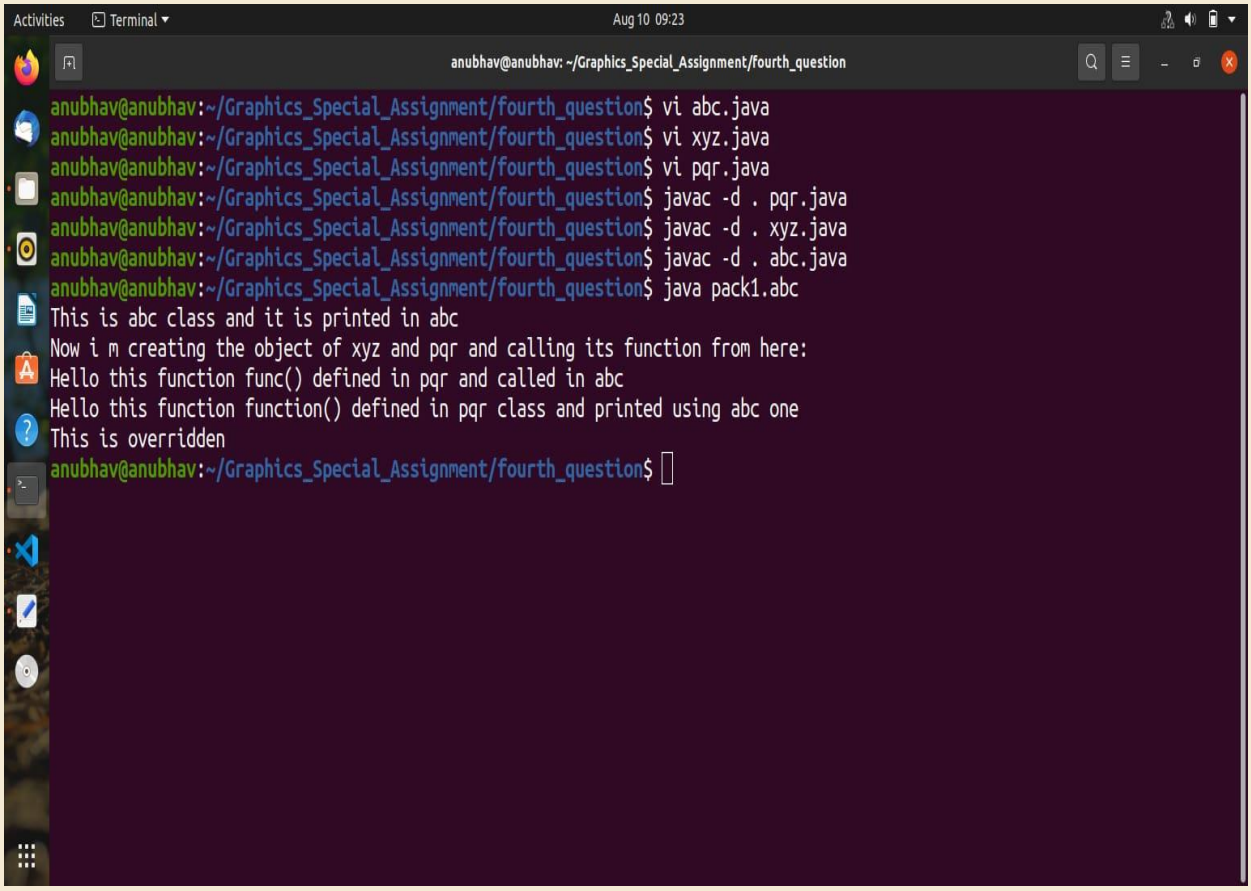
xyz.java-



pqr.java-


Activities
Terminal
Aug 10 09:22
anubhav@anubhav: ~/Graphics_Special_Assignment/fourth_question
package pack1.pack2.pack3;
public class pqr{
public static void function()
{
System.out.println("Hello this function function() defined in pqr class and printed using abc one");
}
}
"pqr.java" 7 lines, 183 characters

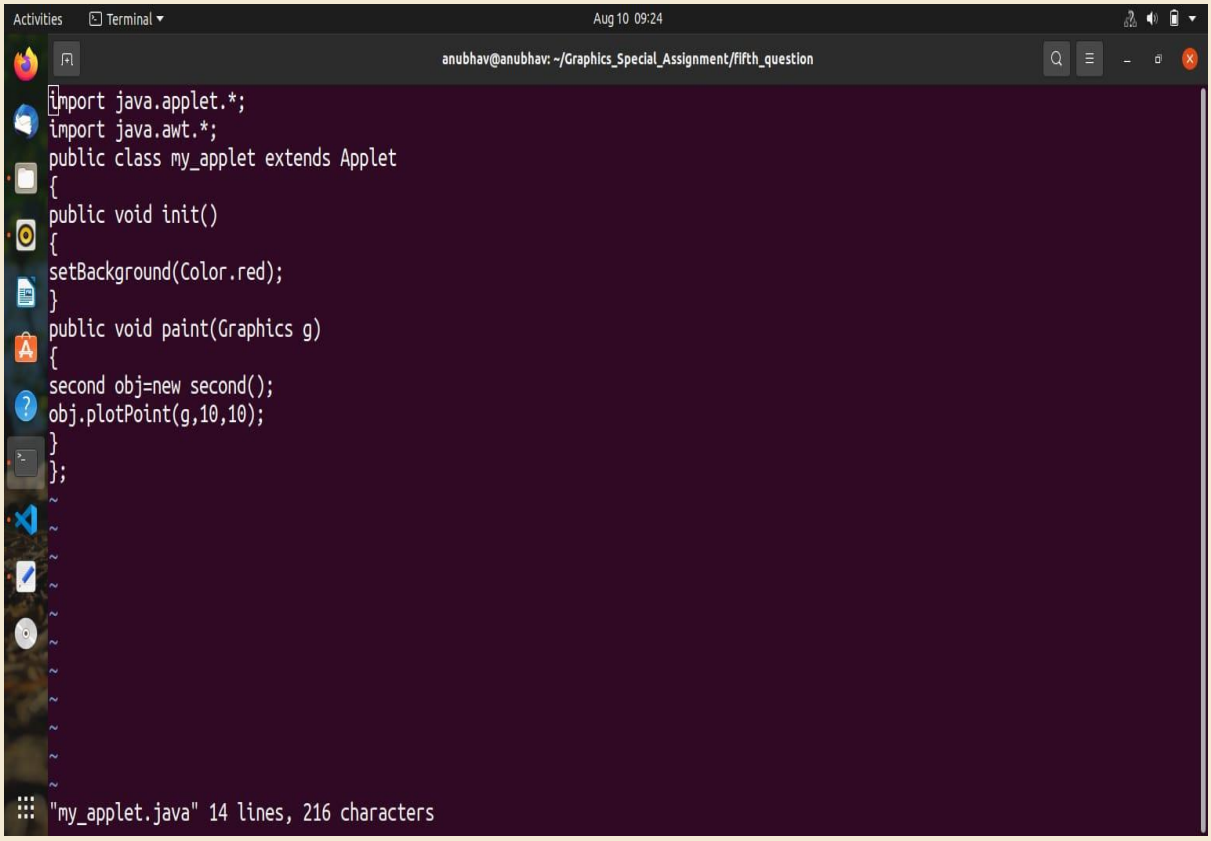
Output-


Activities
Terminal
Aug 10 09:23
anubhav@anubhav: ~/Graphics_Special_Assignment/fourth_question
anubhav@anubhav:~/Graphics_Special_Assignment/fourth_question$ vi abc.java
anubhav@anubhav:~/Graphics_Special_Assignment/fourth_question$ vi xyz.java
anubhav@anubhav:~/Graphics_Special_Assignment/fourth_question$ vi pqr.java
anubhav@anubhav:~/Graphics_Special_Assignment/fourth_question$ javac -d . pqr.java
anubhav@anubhav:~/Graphics_Special_Assignment/fourth_question$ javac -d . xyz.java
anubhav@anubhav:~/Graphics_Special_Assignment/fourth_question$ javac -d . abc.java
anubhav@anubhav:~/Graphics_Special_Assignment/fourth_question$ java pack1.abc
This is abc class and it is printed in abc
Now i m creating the object of xyz and pqr and calling its function from here:
Hello this function func() defined in pqr and called in abc
Hello this function function() defined in pqr class and printed using abc one
This is overridden
anubhav@anubhav:~/Graphics_Special_Assignment/fourth_question$

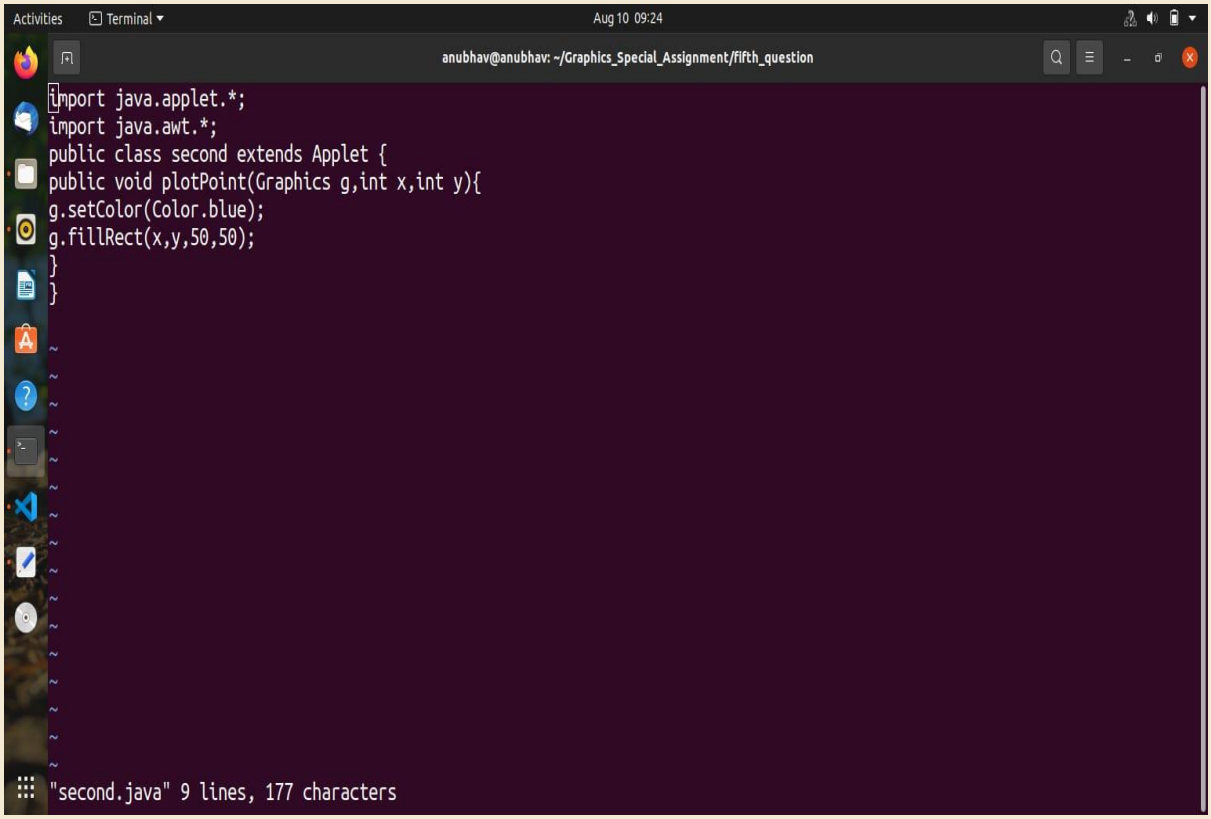
5. Develop an applet program using default package.

Ans-

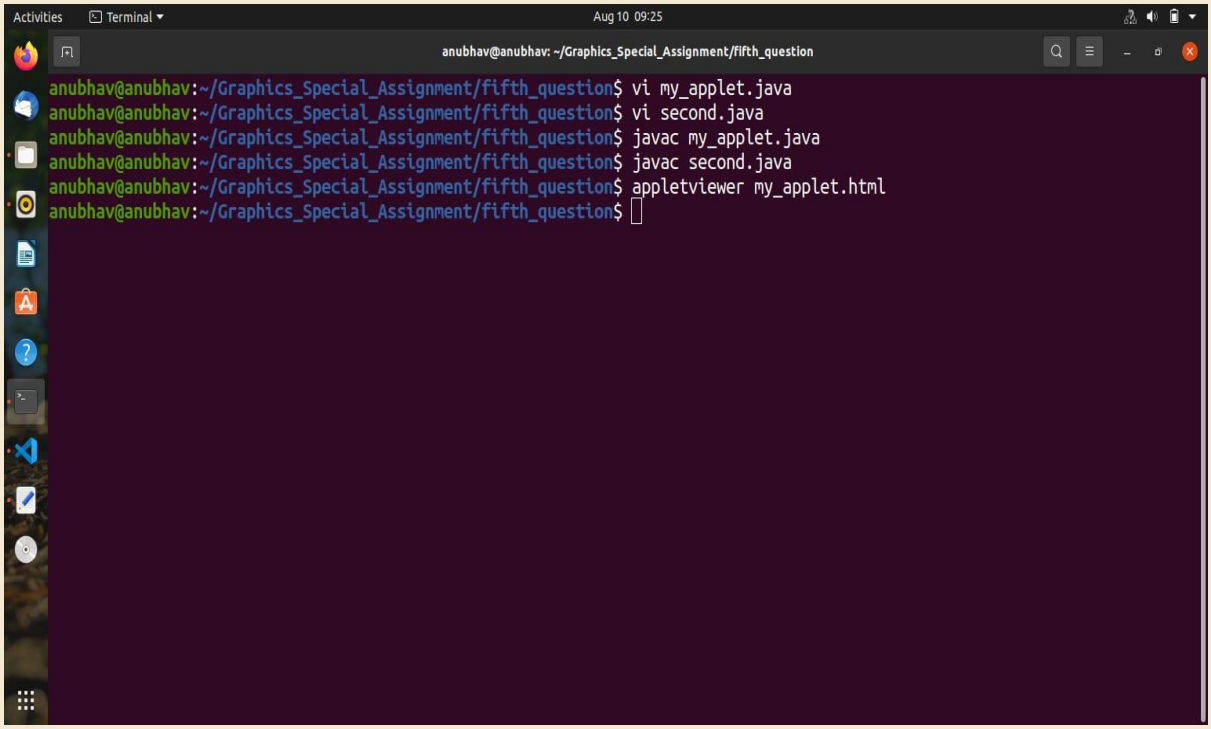
My_applet.java-



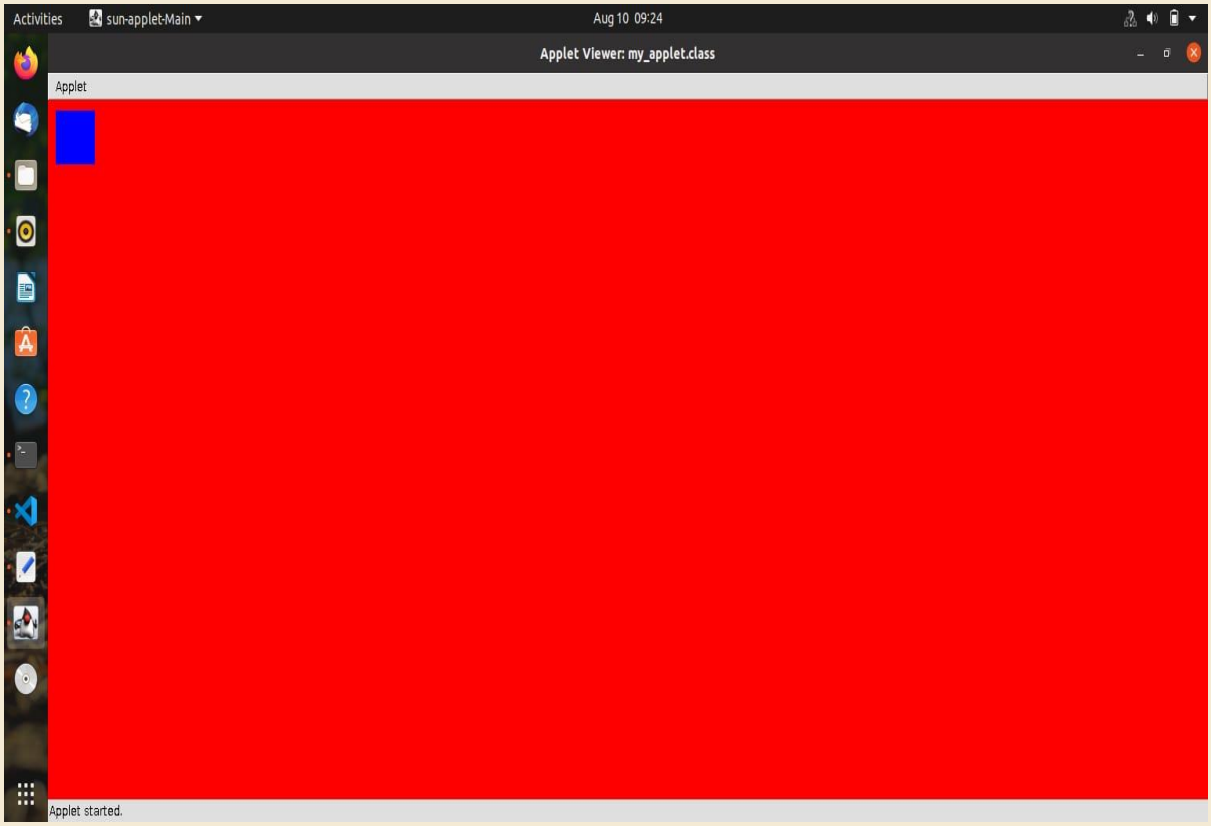
second.java-



Output-



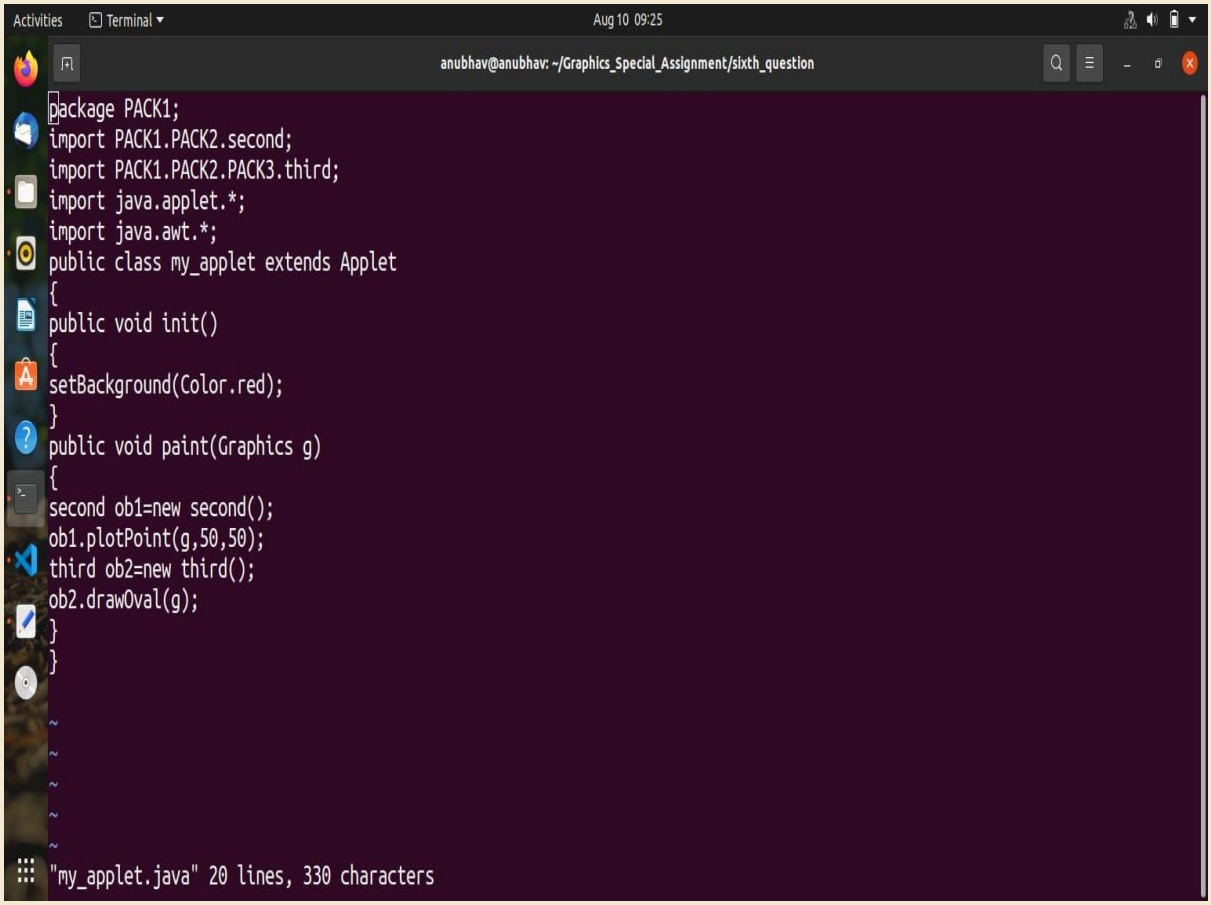
Applet-View-


Activities
sun-applet-Main
Aug 10 09:24
Applet Viewer: my_applet.class
Applet
Applet started.

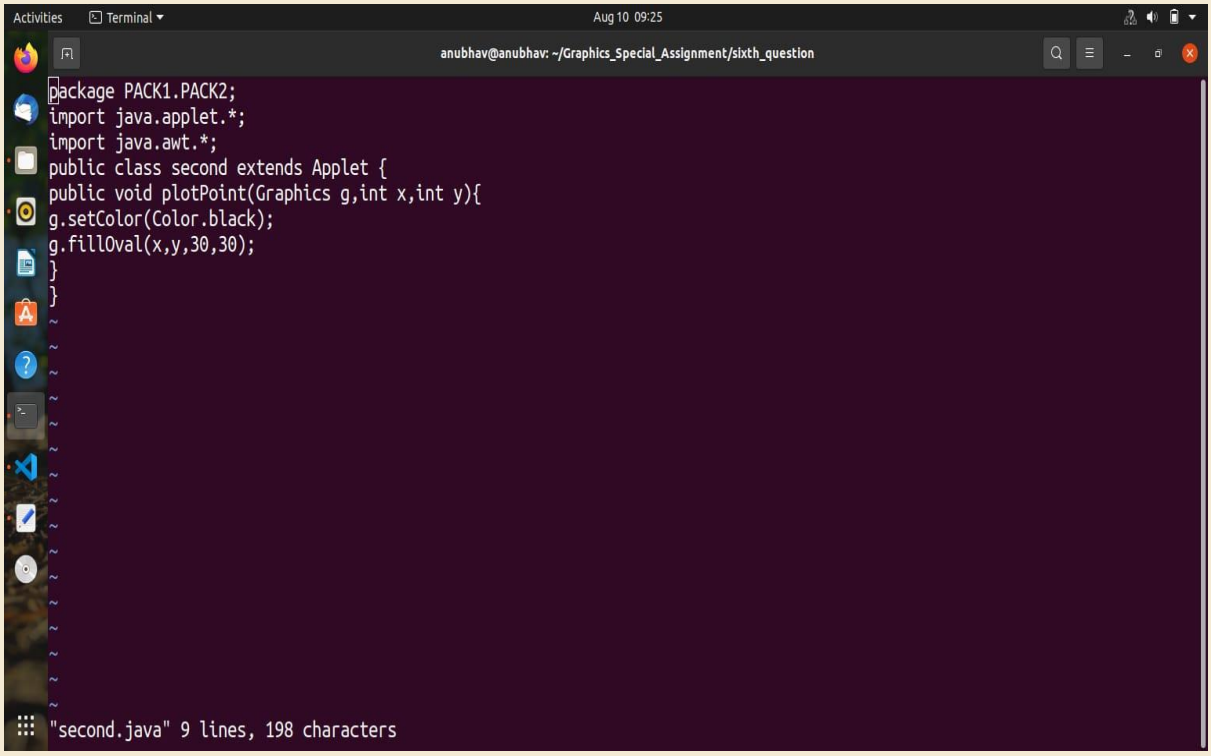
6. **Develop an applet program using user defined package and user defined nested package**

Ans-

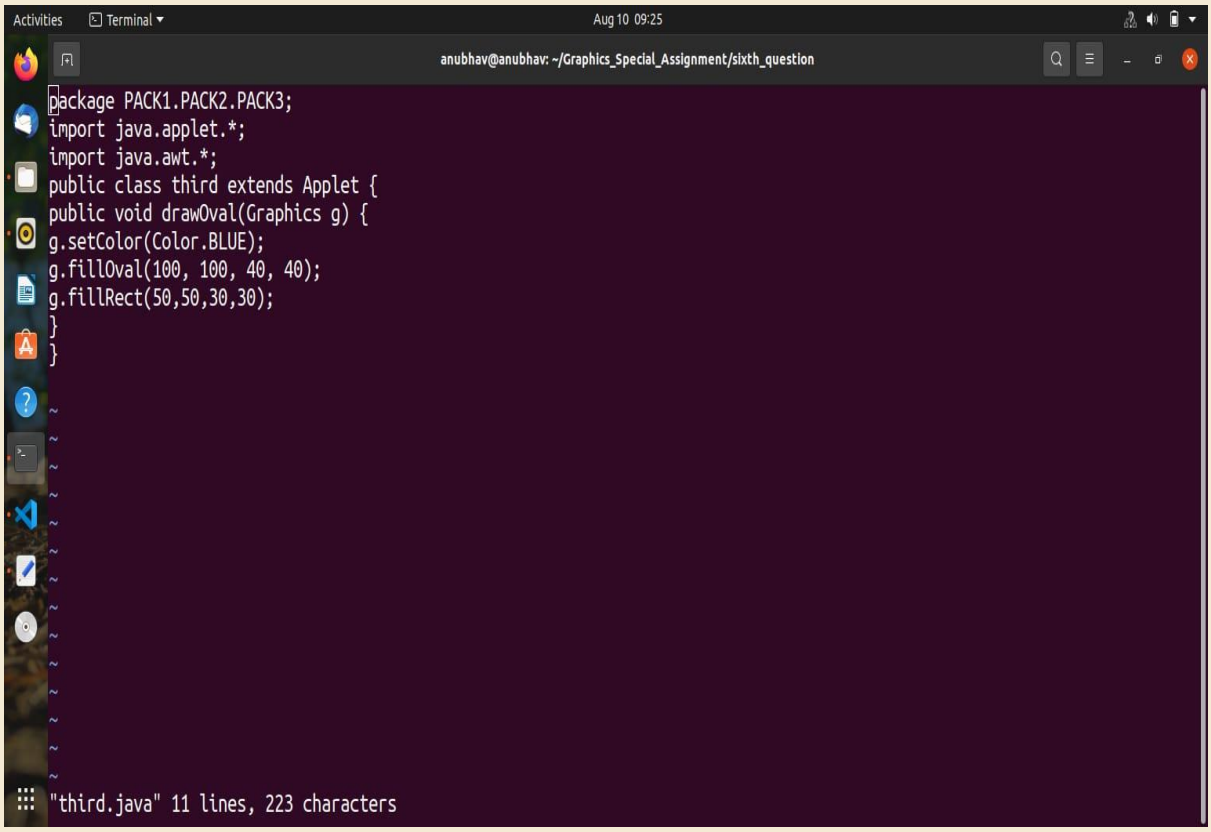
my_applet.java-



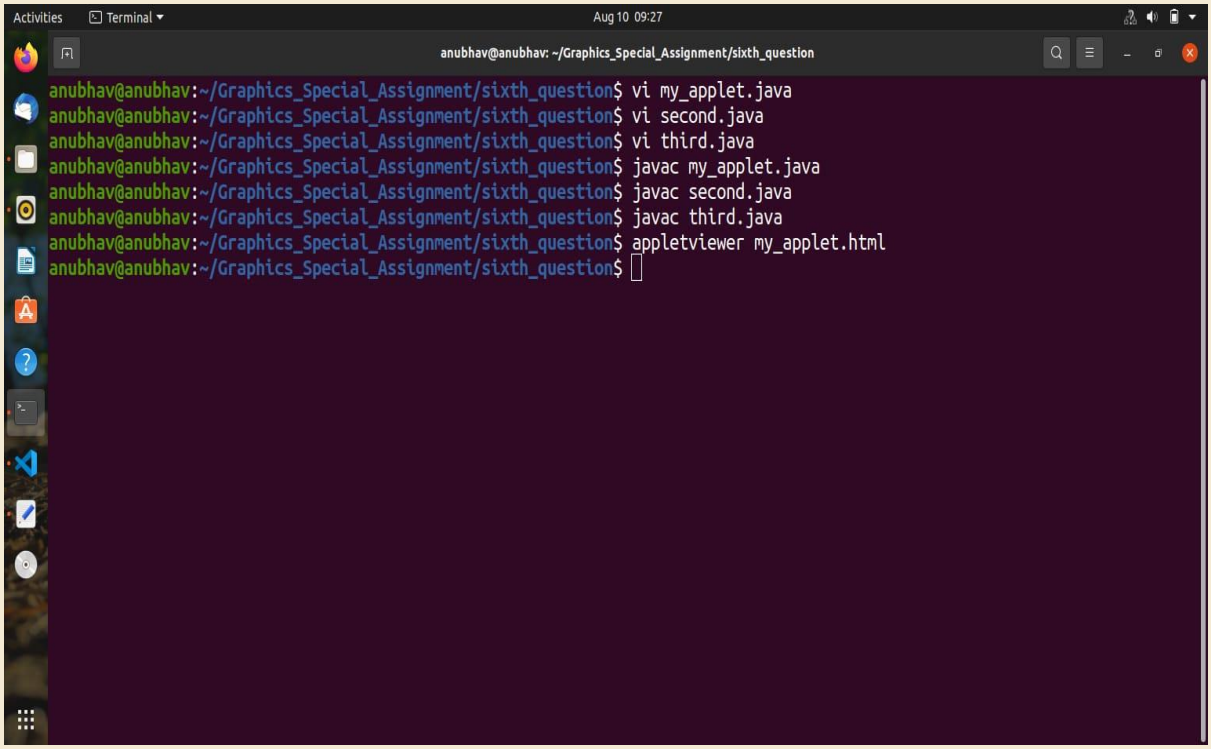
second.java-



third.java-



Output-



Applet-View-