

PAMISHETTY KEERMANI

CH.SC.U4CSE24113

OBJECT ORIENTED PROGRAMMING

(23CSE111)

LAB RECORD



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**AMRITA SCHOOL OF COMPUTING, CHENNAI**

**BONAFIDE CERTIFICATE**

This is to certify that the Lab Record work for 23CSE111- Object Oriented Programming Subject submitted by **CH.SC.U4CSE24135 – PAMISHETTY KEERMANI** in “Computer Science and Engineering” is a Bonafide record of the work carried out under my guidance and supervision at Amrita School of Computing, Chennai.

This Lab examination on held on

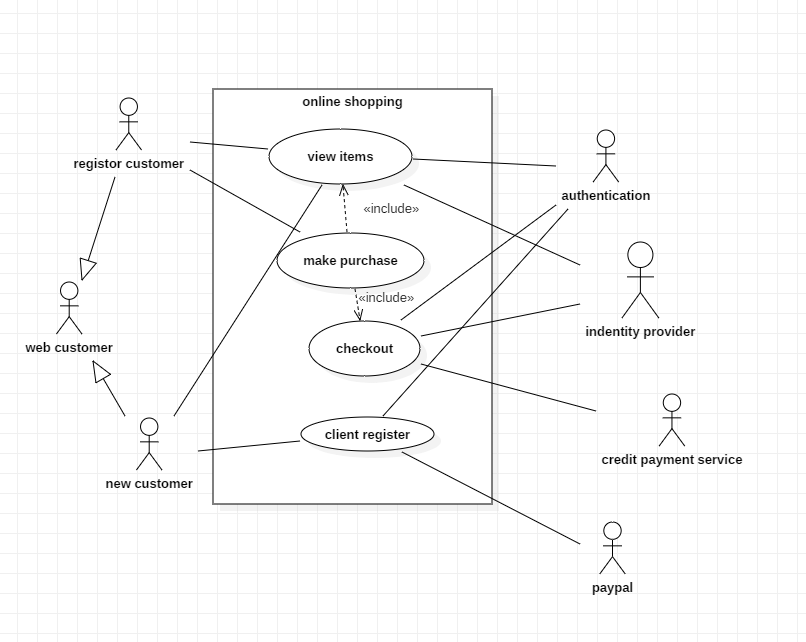
Internal Examiner 1 Internal Examiner 2

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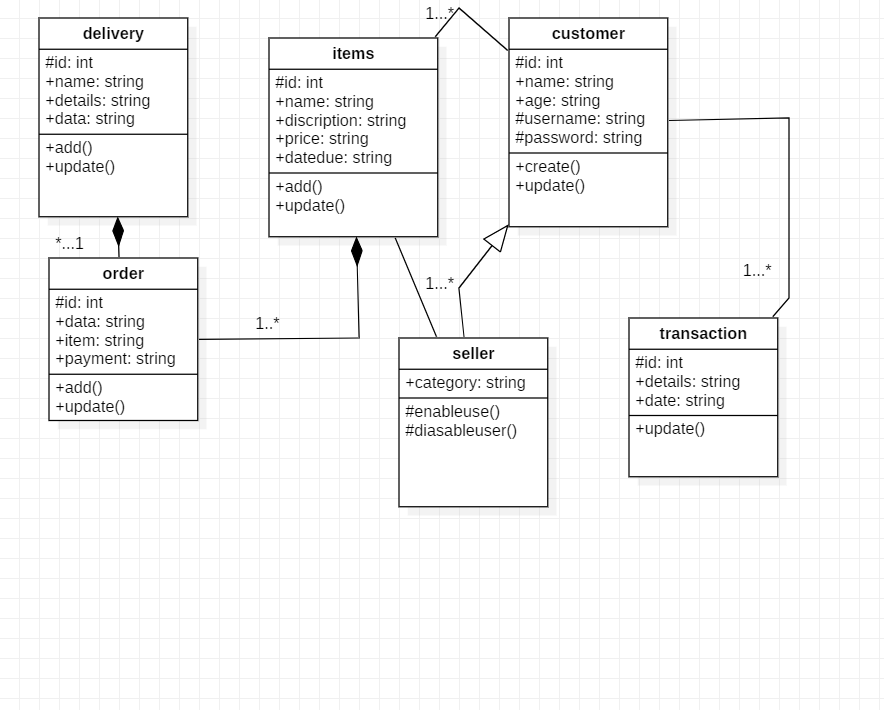
**UML DIAGRAMS**

ONLINE SHOPPING

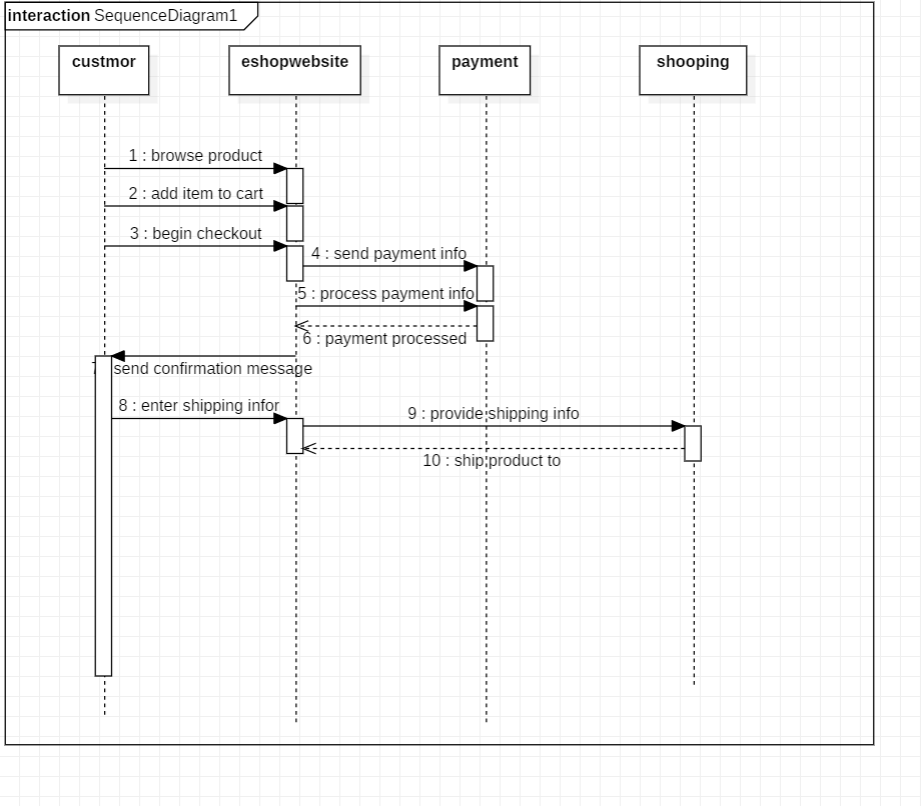
1 A) USE CASE DIAGRAM:



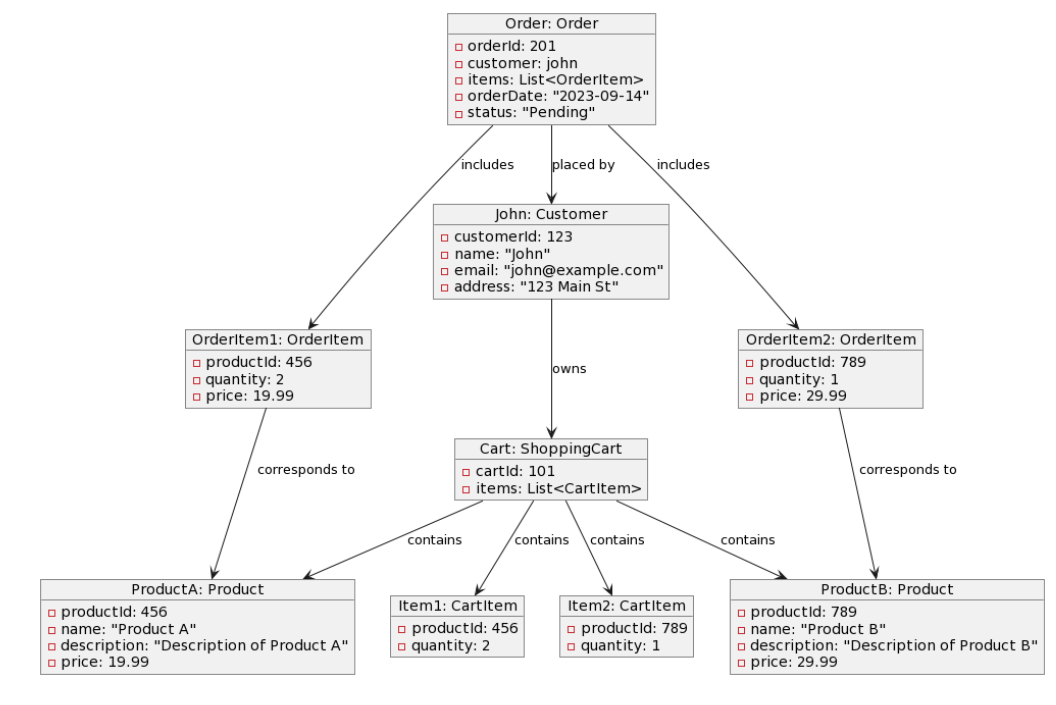
1 B) CLASS DIAGRAM:



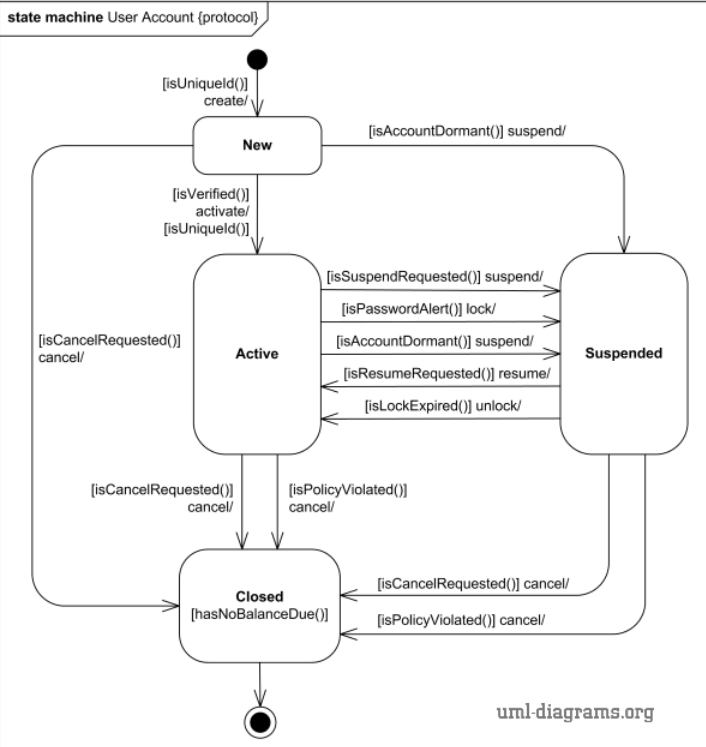
1 C) SEQUENCE DIAGRAM:



1 D) OBJECT DIAGRAM:

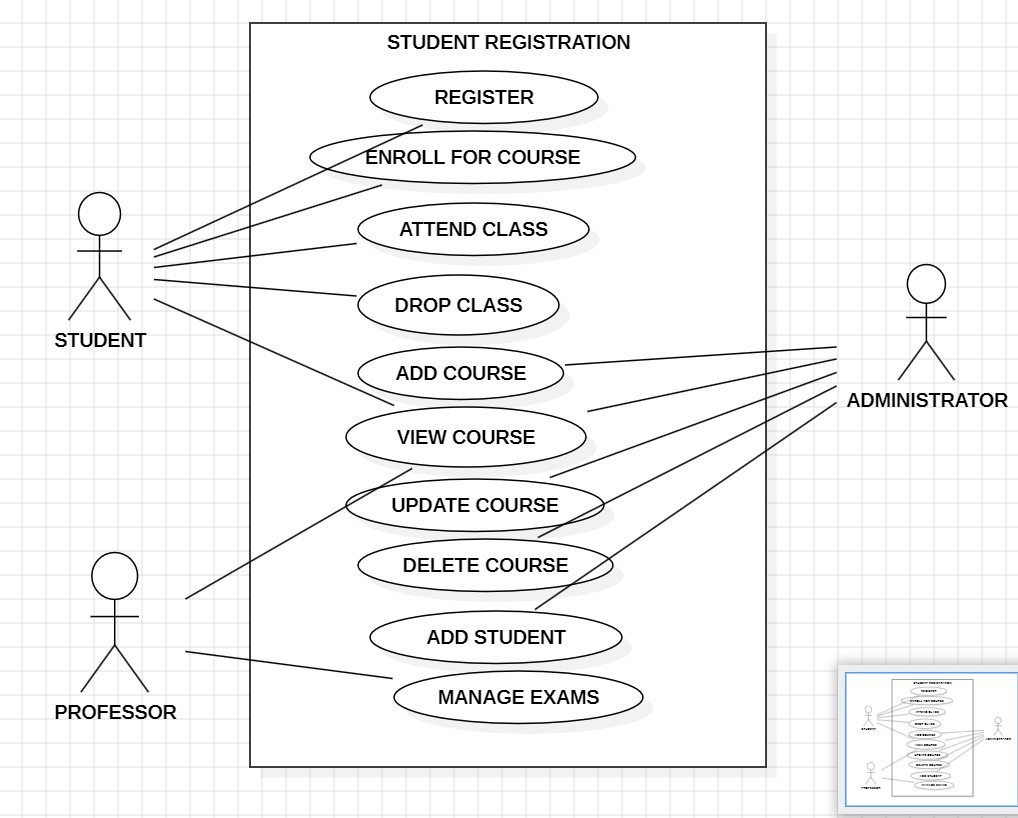


1 E) STATE ACTIVITY DIAGRAM:

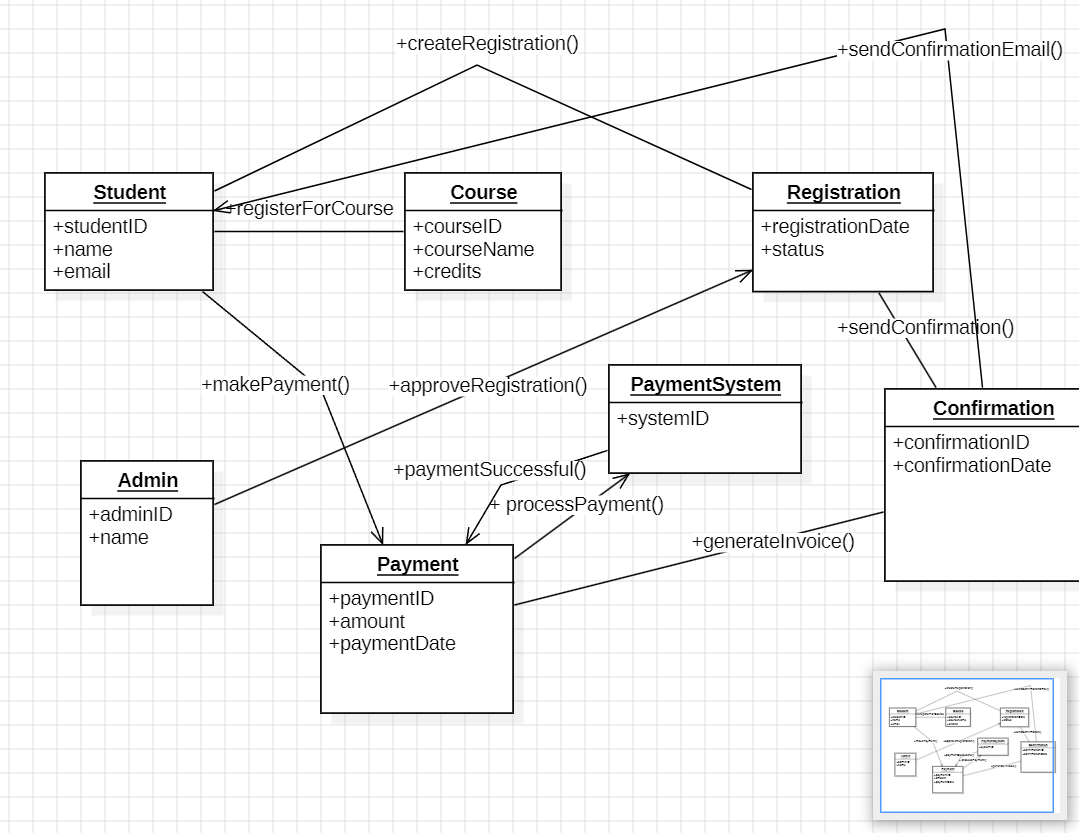


**STUDENT REGISTRATION**

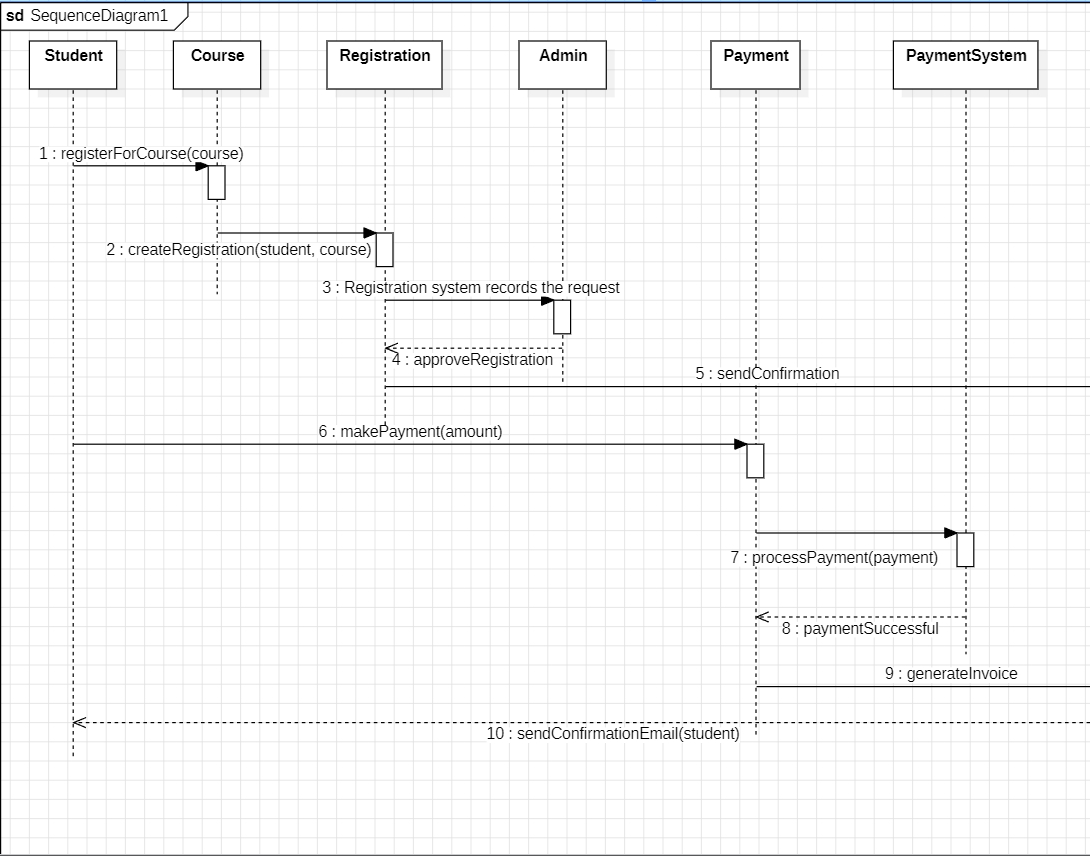
1 A) USE CASE DIAGRAM:



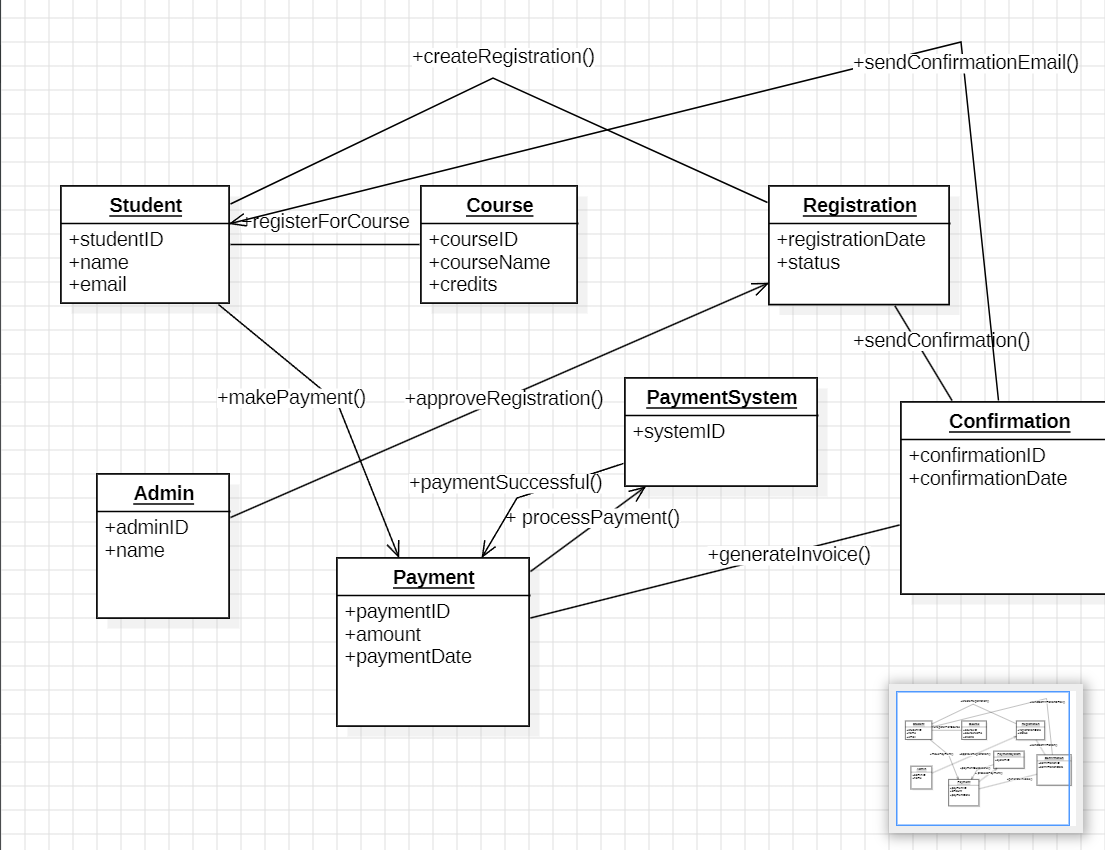
1 B) CLASS DIAGRAM:



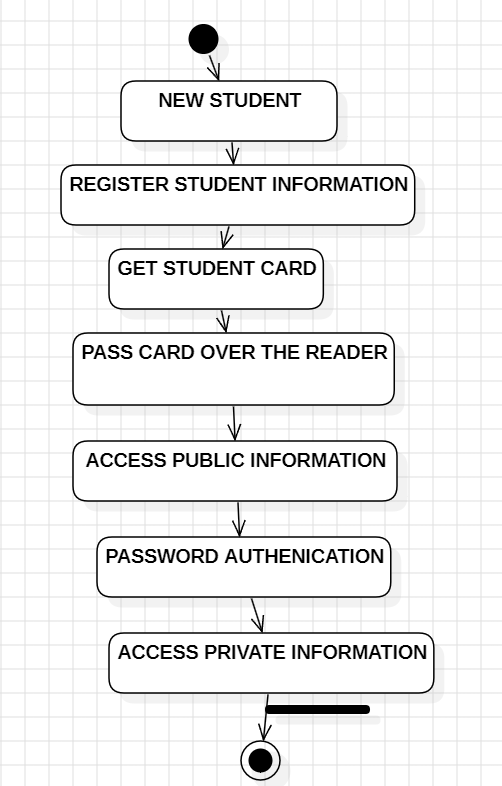
1 C) SEQUENCE DIAGRAM:



1 D) OBJECT DIAGRAM

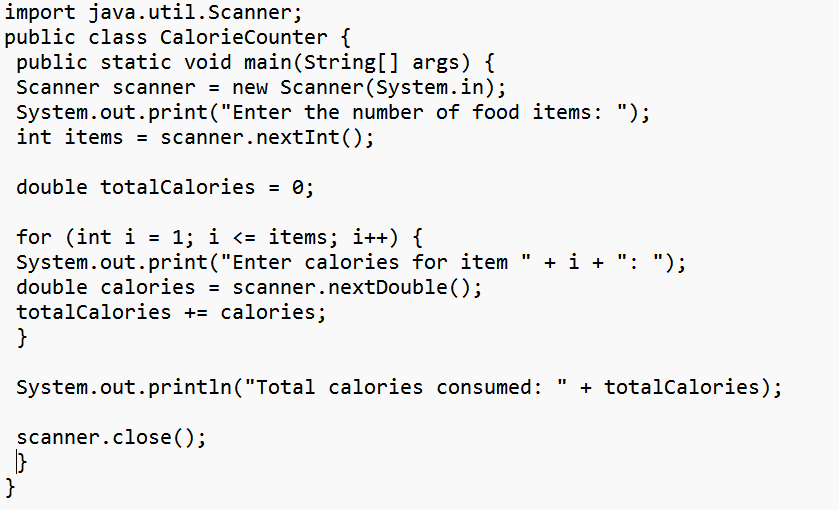


1 E) STATE DIAGRAM

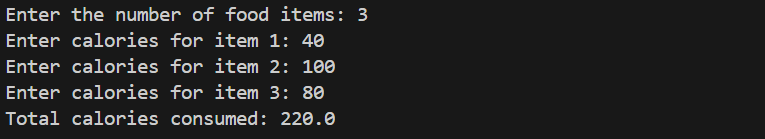


**3.Basic Java Programs**

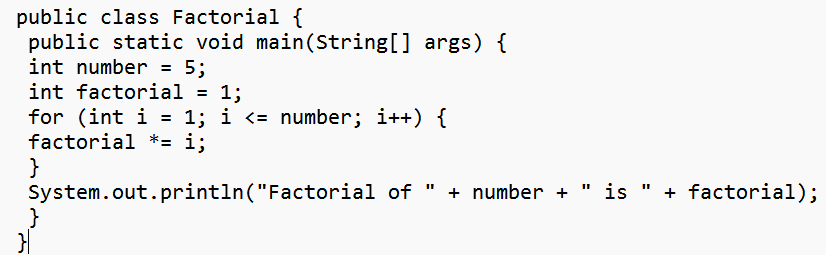
3 a) Calorie Counter:



Output:



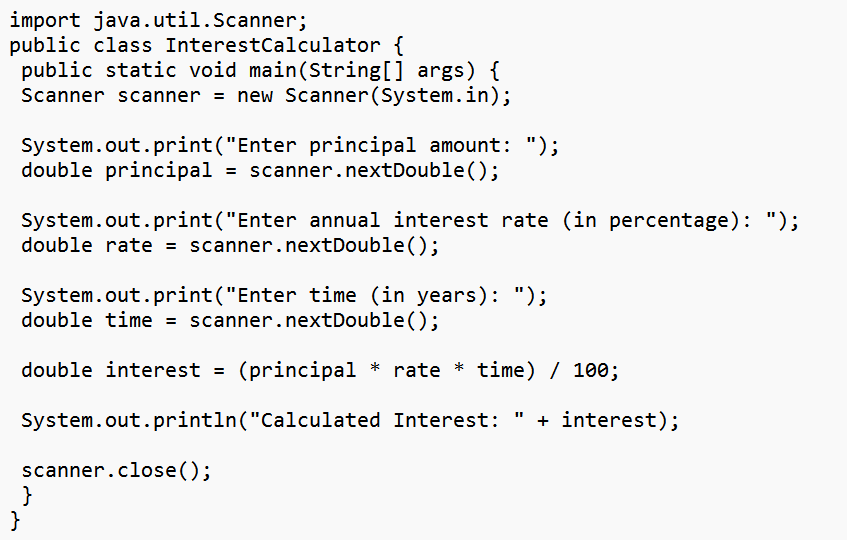
3 b) Factorial:



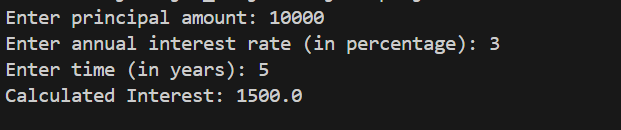
Output:



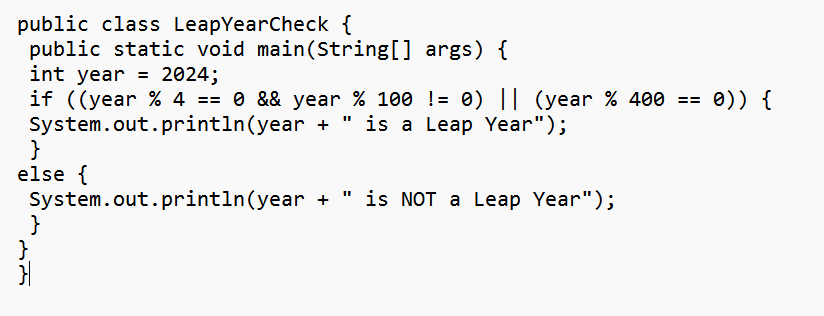
3 c) interest calculator:



Output:



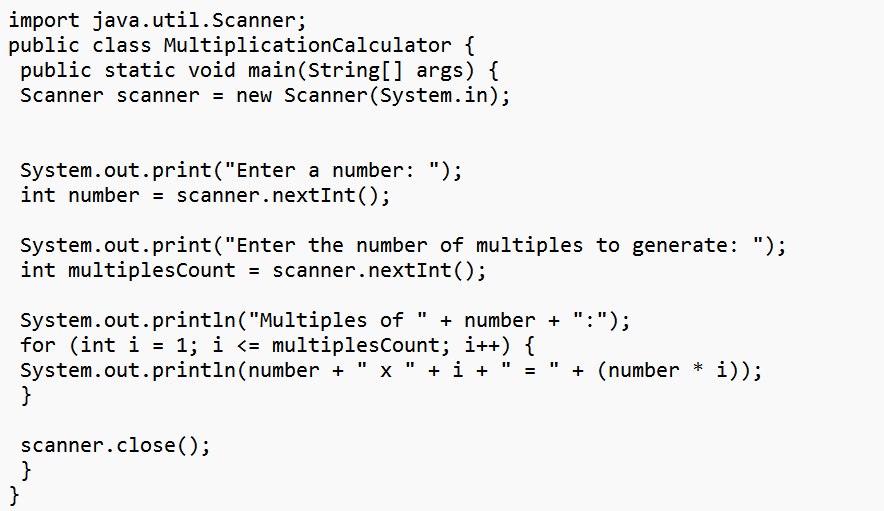
3 d) Leap Year Check:



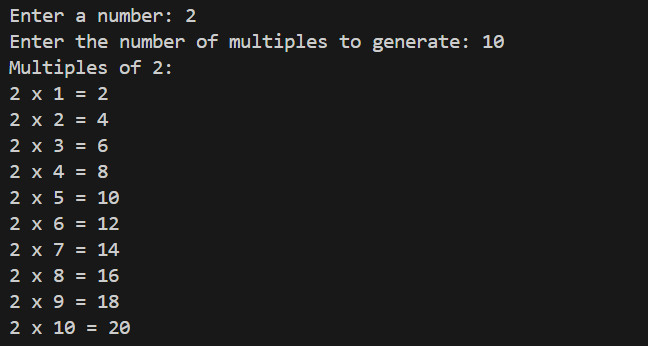
Output:



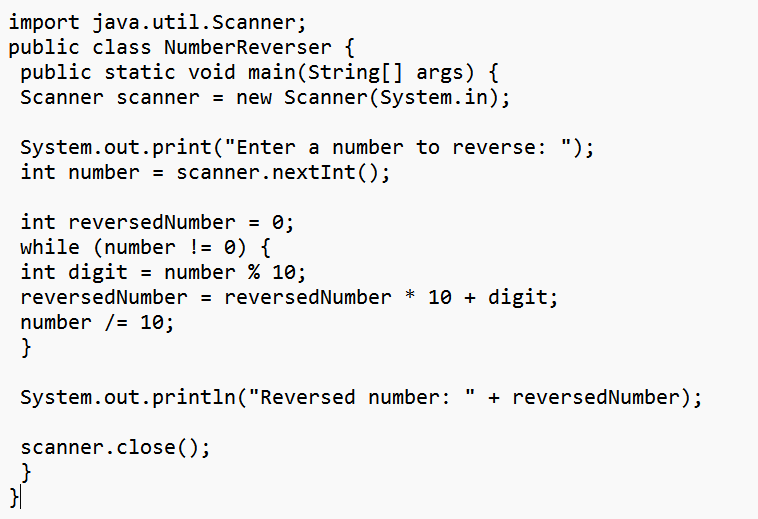
3 e) Multiplication Calculator:



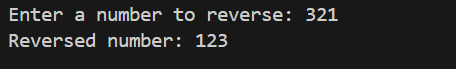
Output:



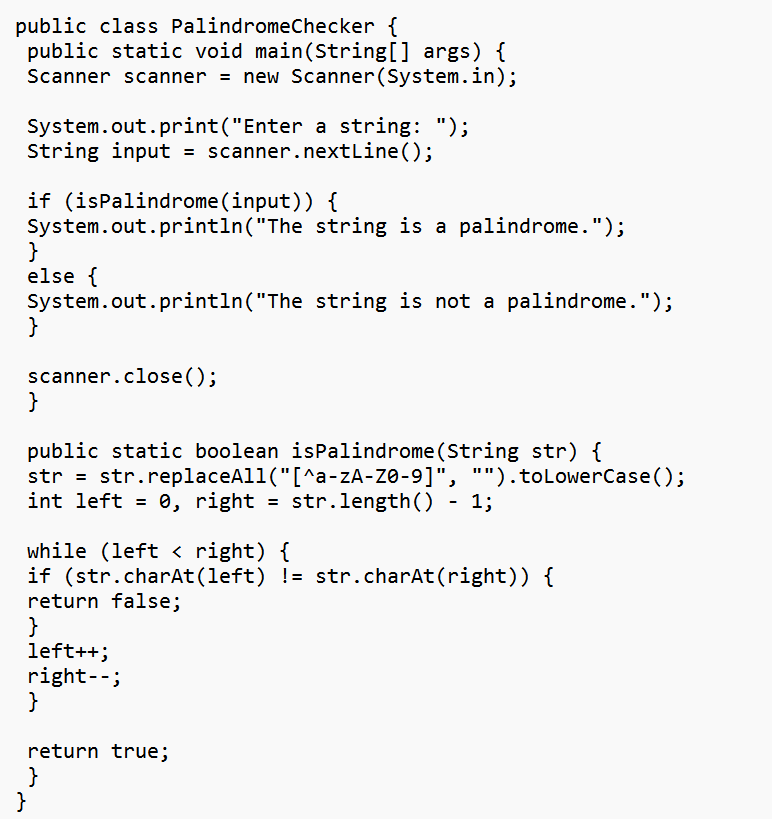
3 f) Number Reverse:



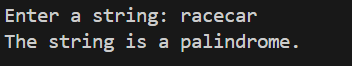
Output:



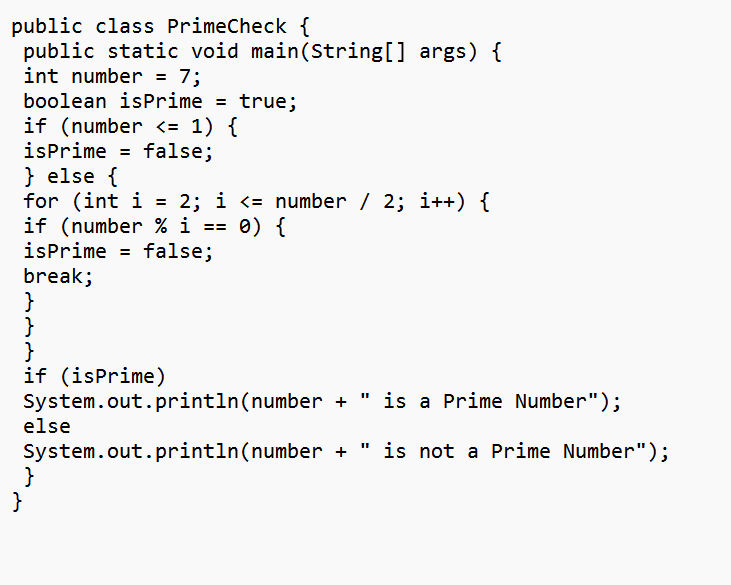
3 g) Palindrome Checker:



Output:



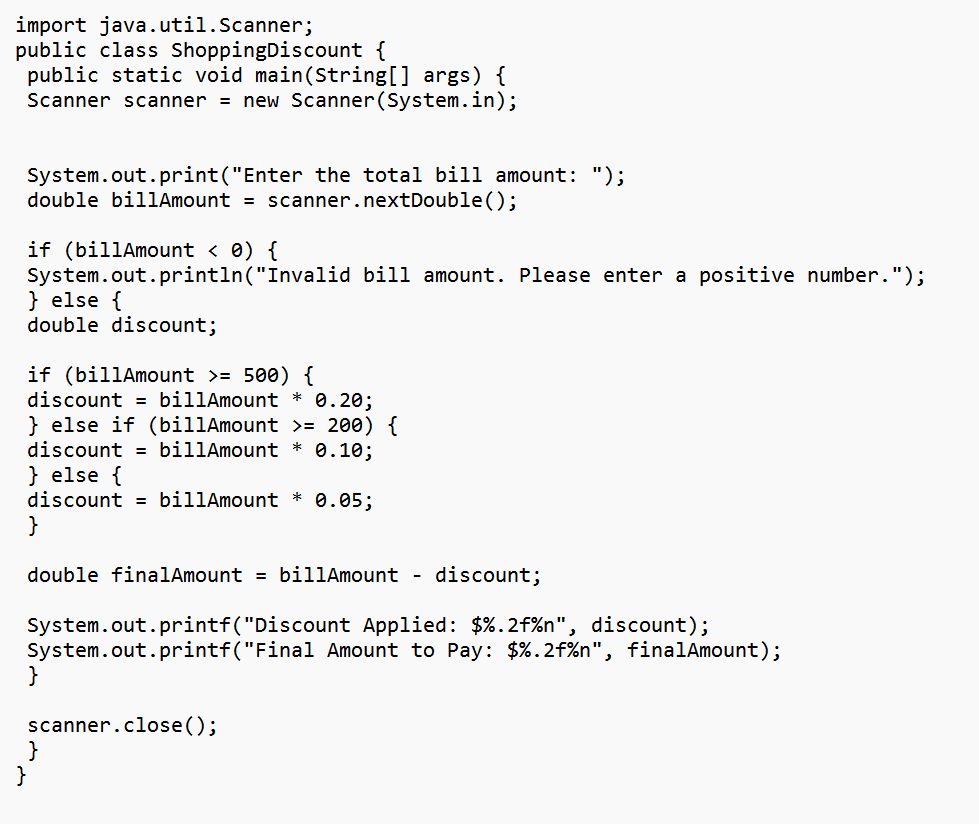
3 h) Prime Check:



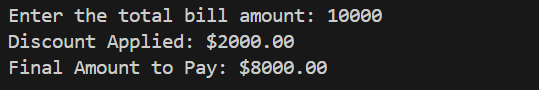
Output:

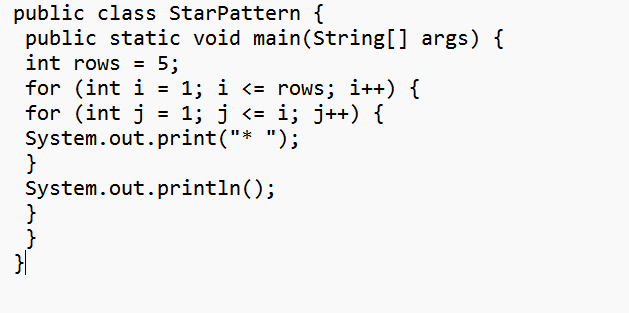


3 i) Shopping Discount:



Output:



3 j) Star Pattern: 

Output:

