

**LAB RECORD**

23CSE111 – Object Oriented Programming

***Submitted by***

CH.SC.U4CSE24107– CHEEDELLA JYOTHIRMAI

**BACHELOR OF TECHNOLOGY**

IN

COMPUTER SCIENCE AND ENGINEERING

AMRITA VISHWA VIDYAPEETHAM

AMRITA SCHOOL OF COMPUTING

CHENNAI

## 

**AMRITA VISHWA VIDYAPEETHAM**

**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.U4CSE24107 – CHEEDELLE JYOTHIRMAI*** 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.

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| --- | --- |
| Internal Examiner 1 | Internal Examiner 2 |

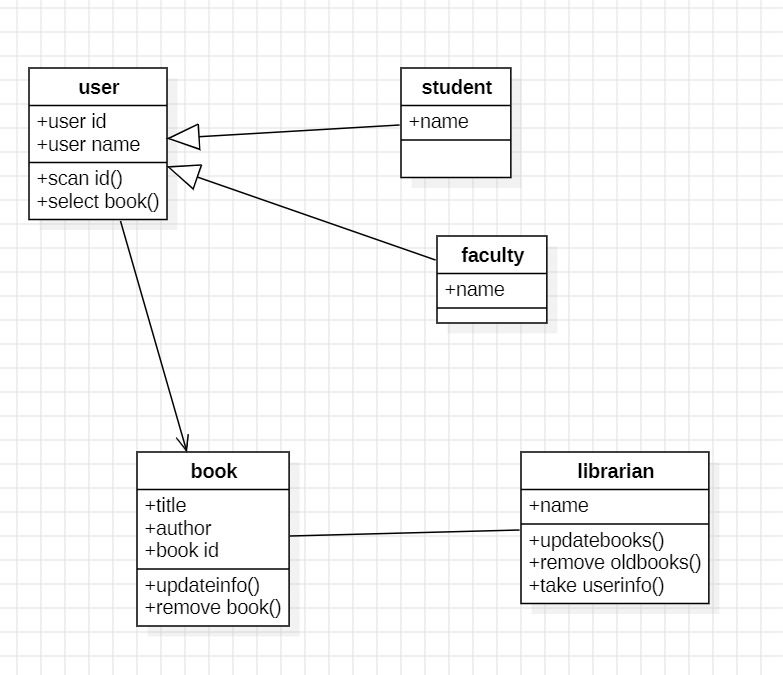
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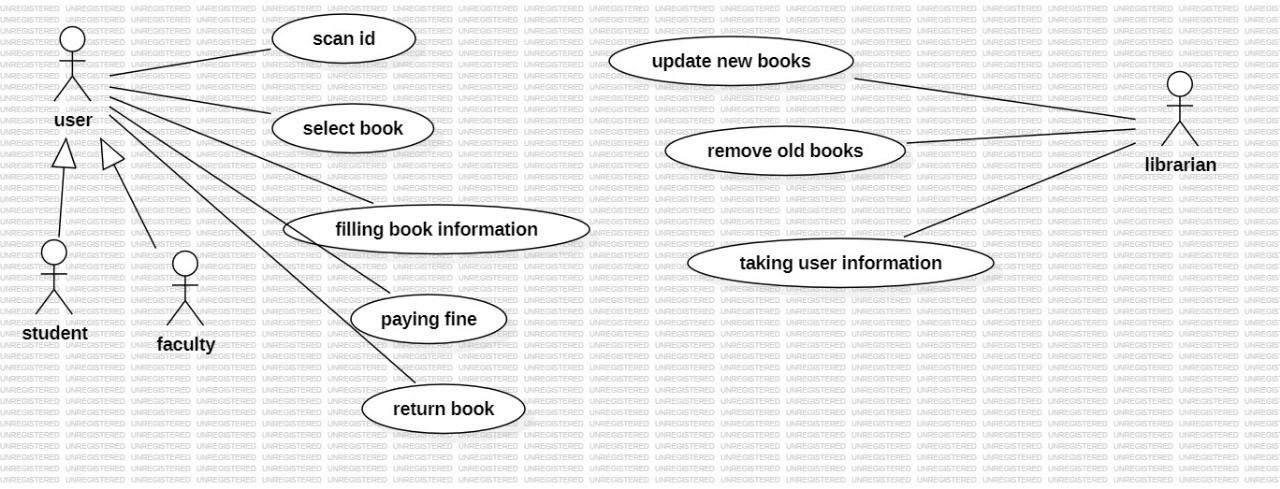
UML DIAGRAM

1.Library Management:

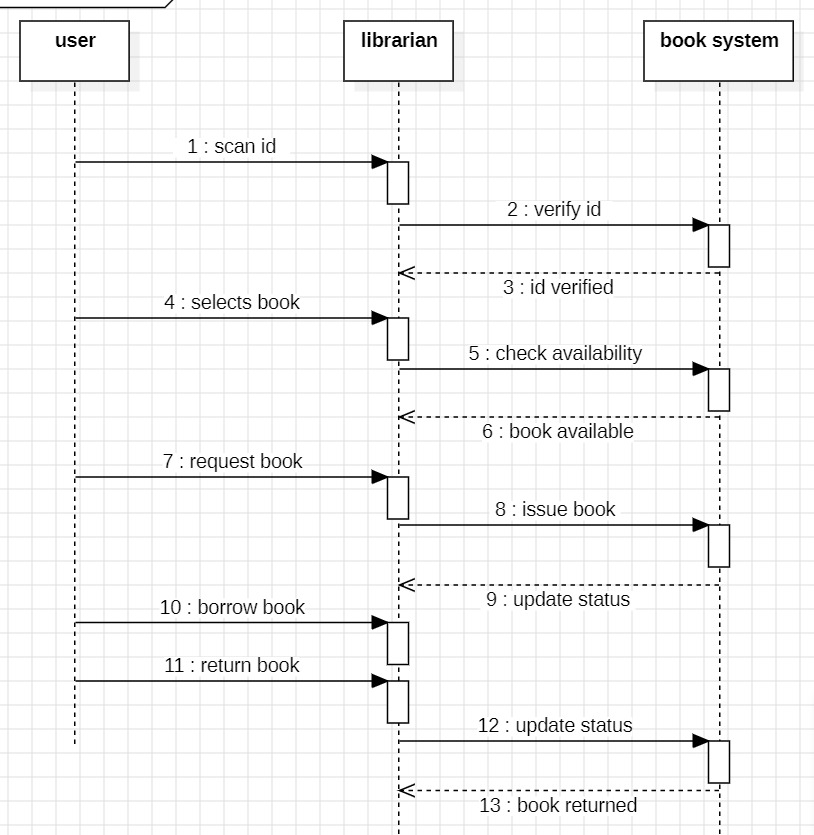
1. Class Diagram:



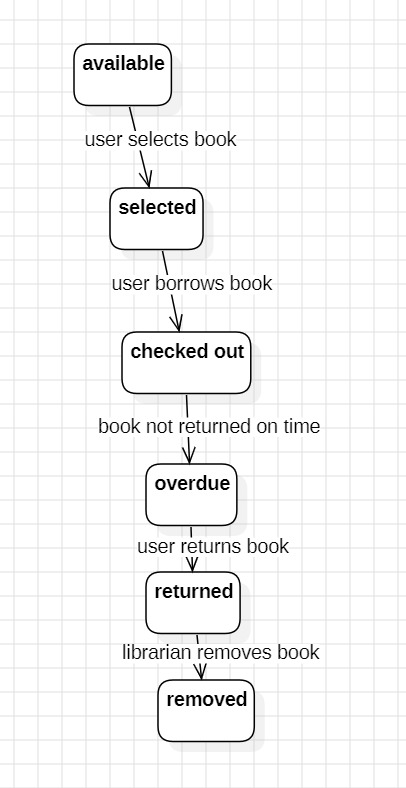
1. Use Case Diagram:



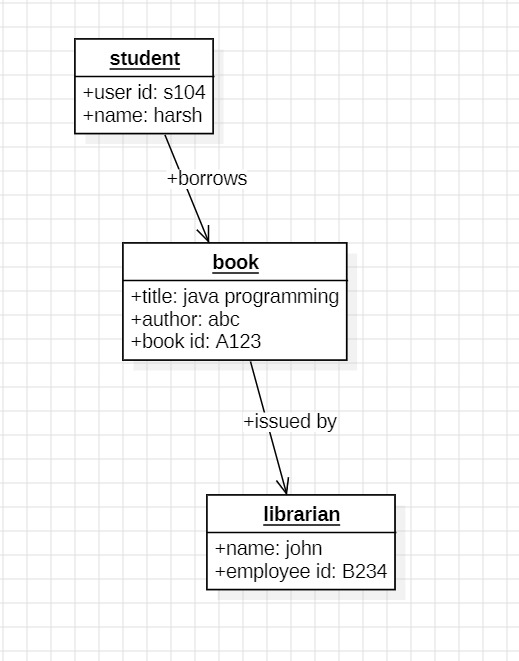
1. Sequence Diagram:



1. State Activity Diagram:

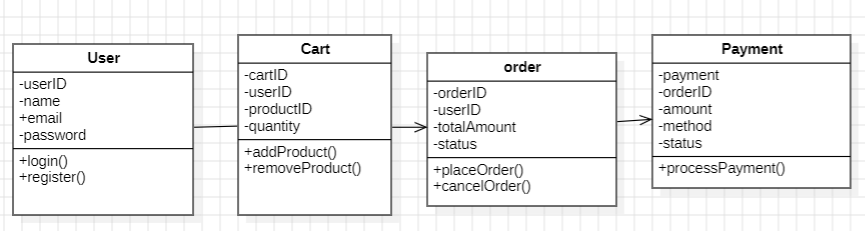


1. Object Diagram:

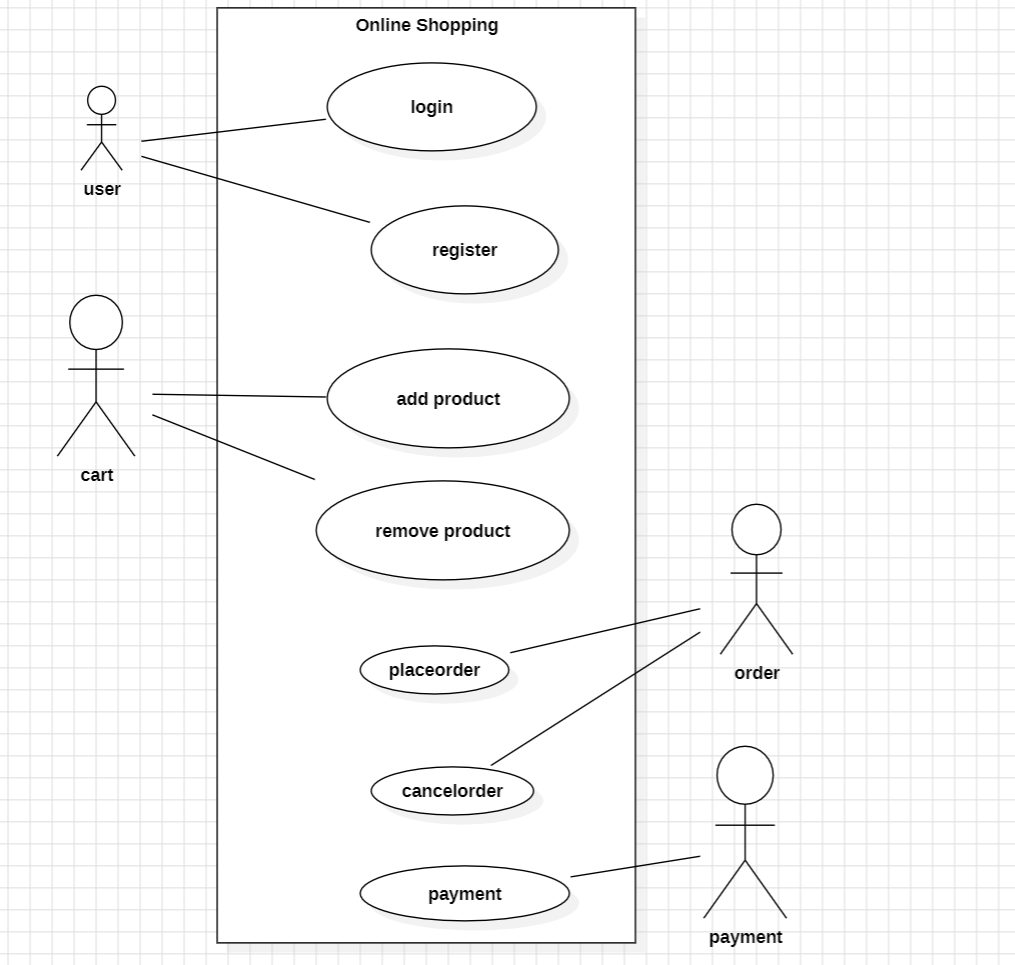


2.Online Shopping

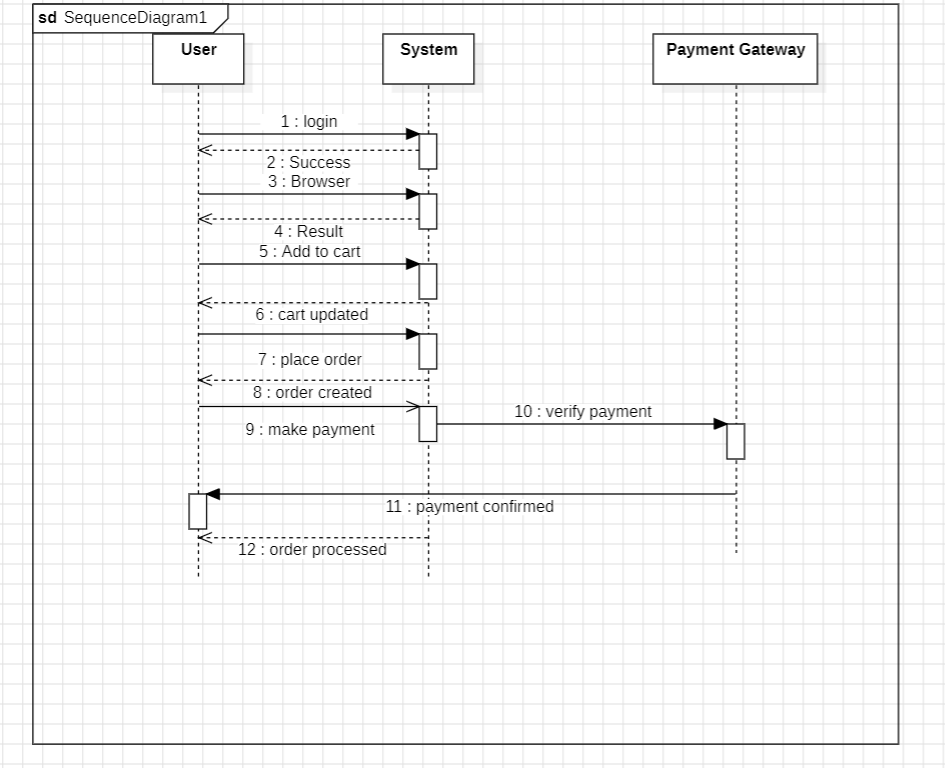
1. Class Diagram:



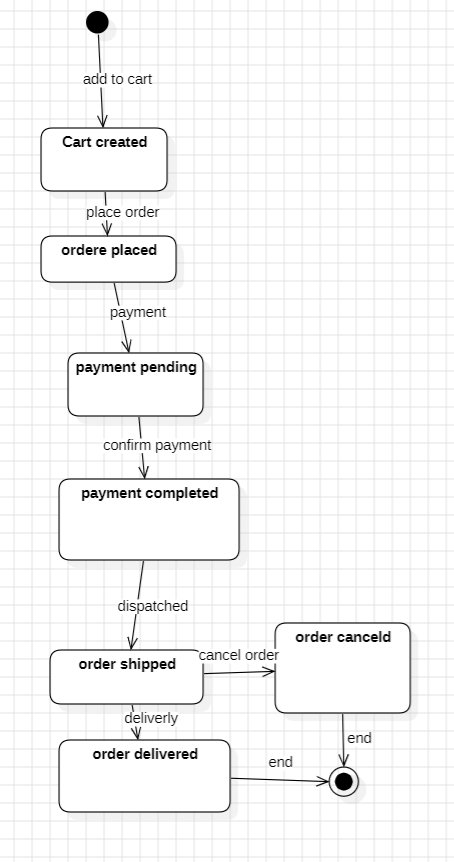
1. Use Case Diagram:



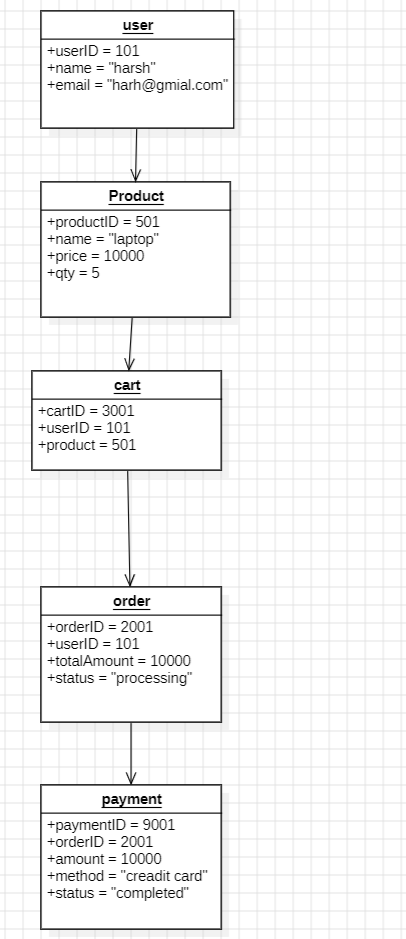
1. Sequence Diagram:



1. State Activity Diagram:



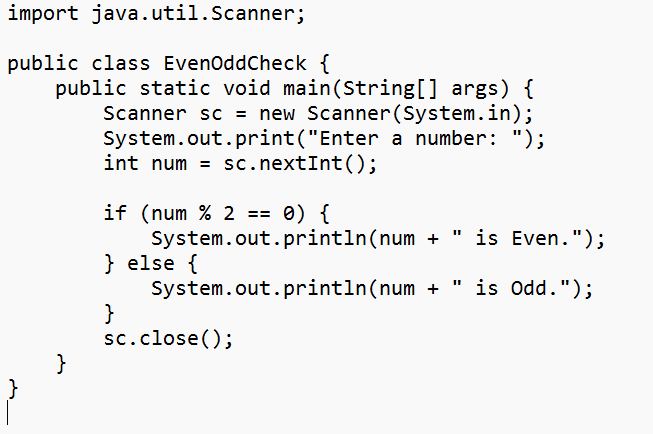
1. Object Diagram:



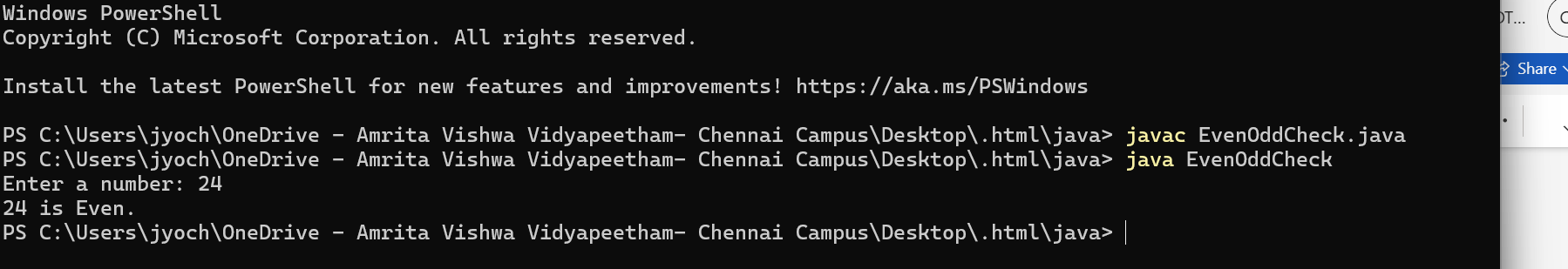
**Basic Java Programs**

1. Even or Odd:

Code:

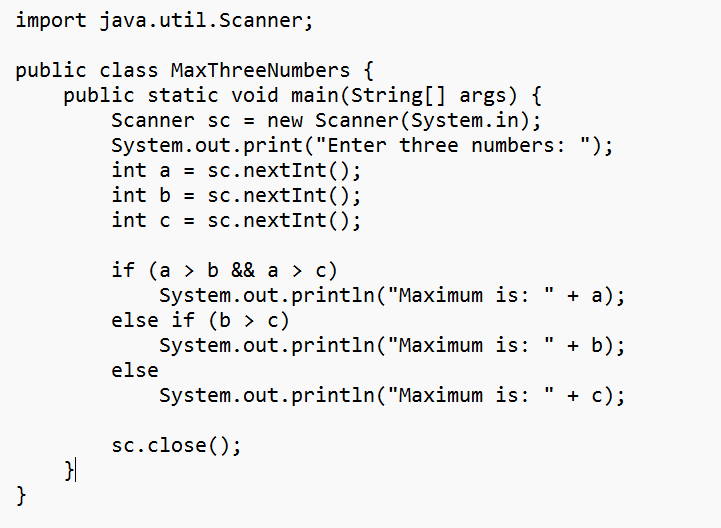


Output:

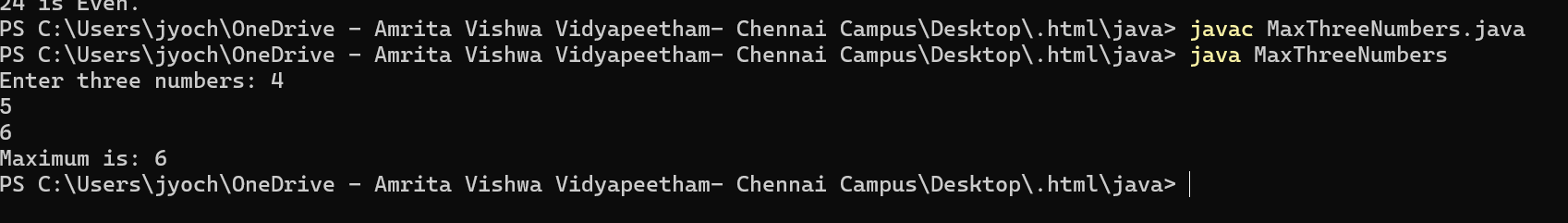


1. Max of 3 numbers:

Code:

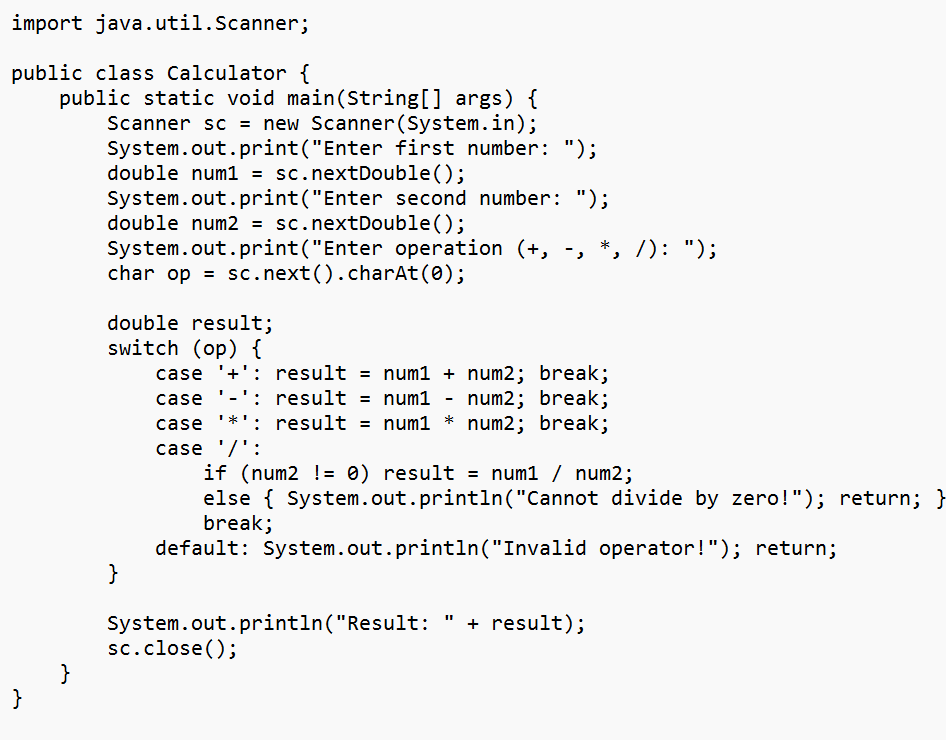


Output:

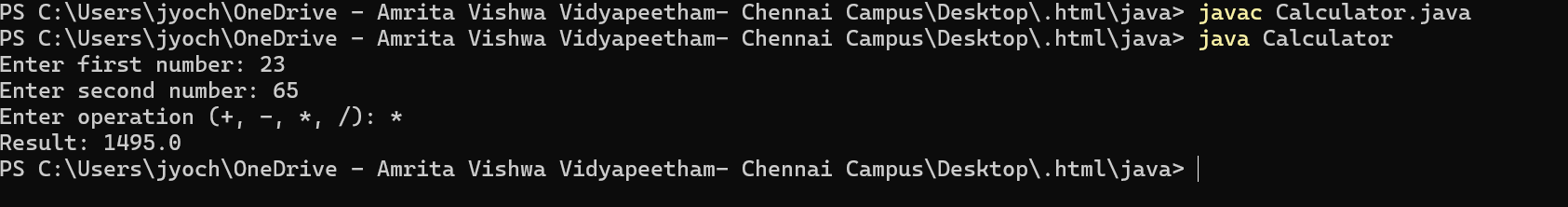


3.Calculator

Code:

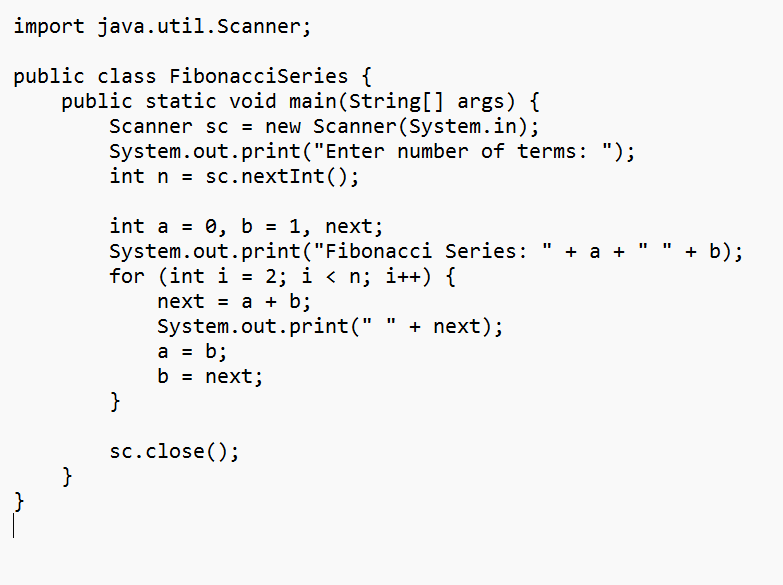


Output:

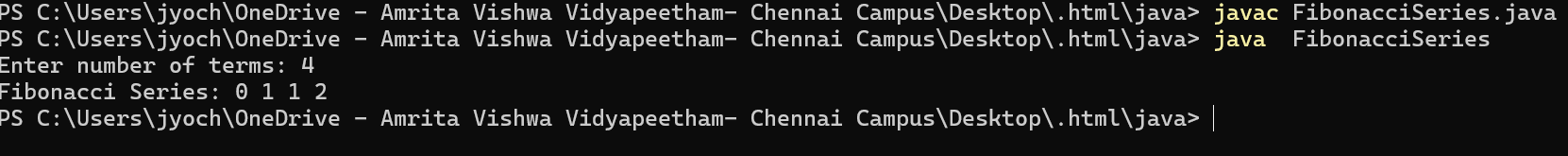


4.Fibonacci series:

Code:

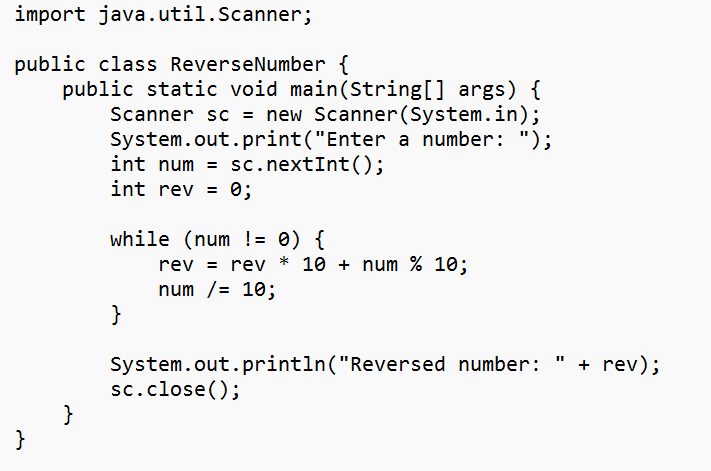


Output:

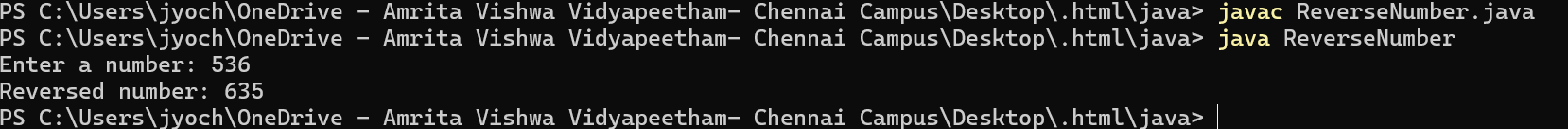


5.Reverse a number:

Code:

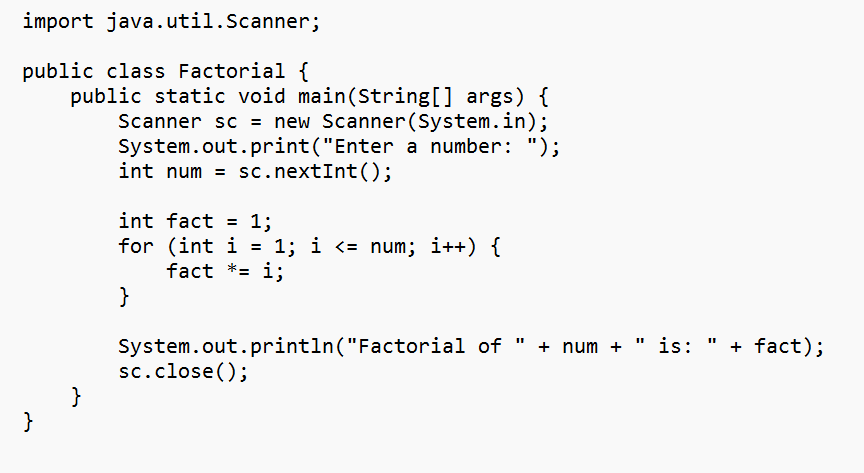


Output:

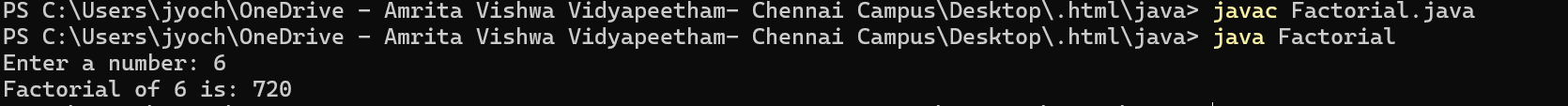


6.Factorial of a number:

Code:

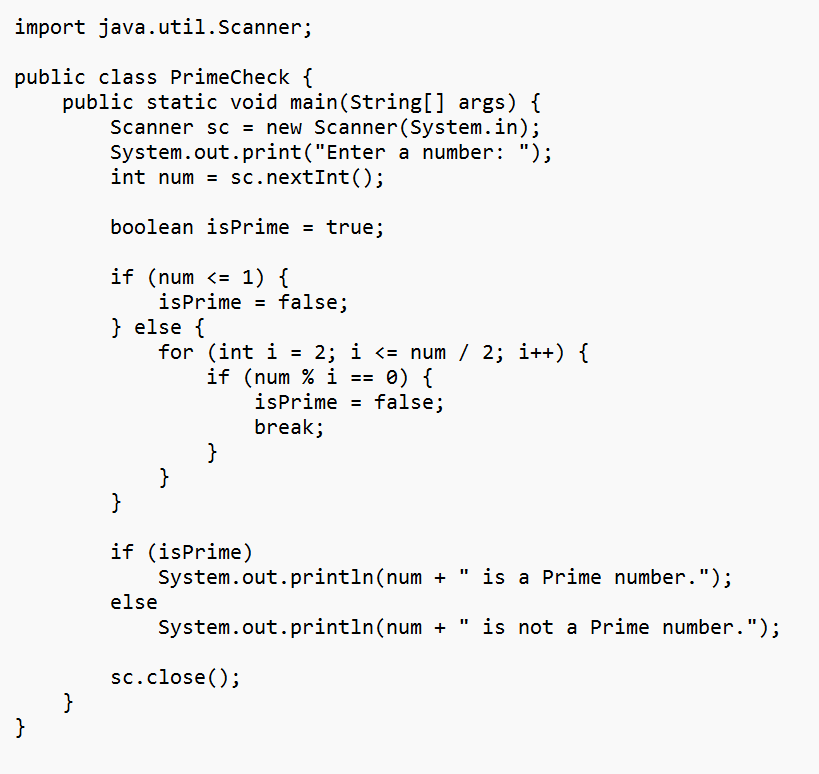


Output:

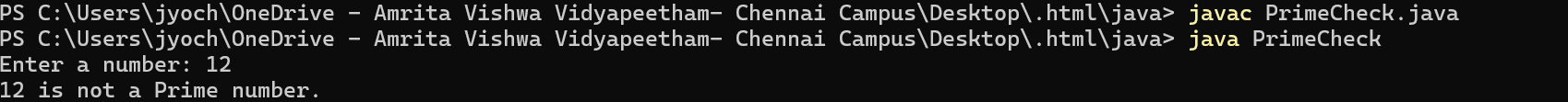


7.Prime Number Check:

Code:

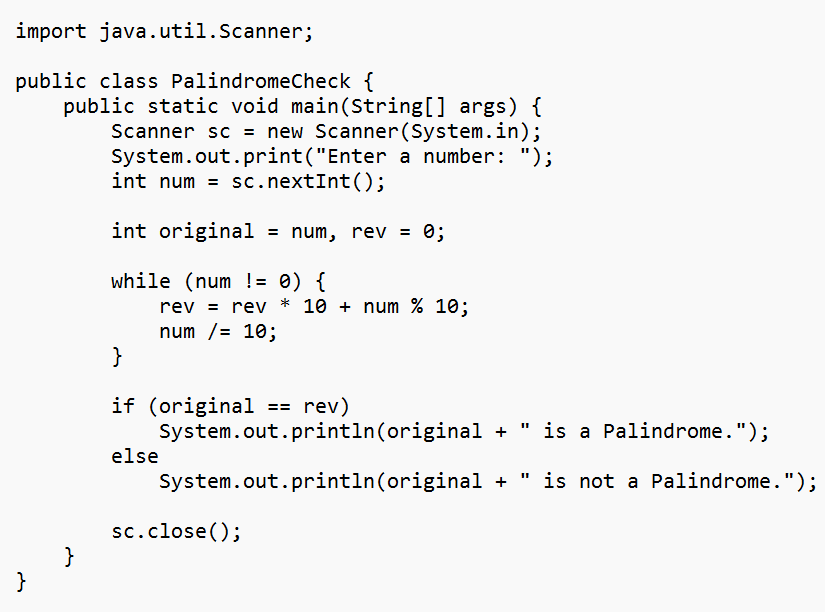


Output:

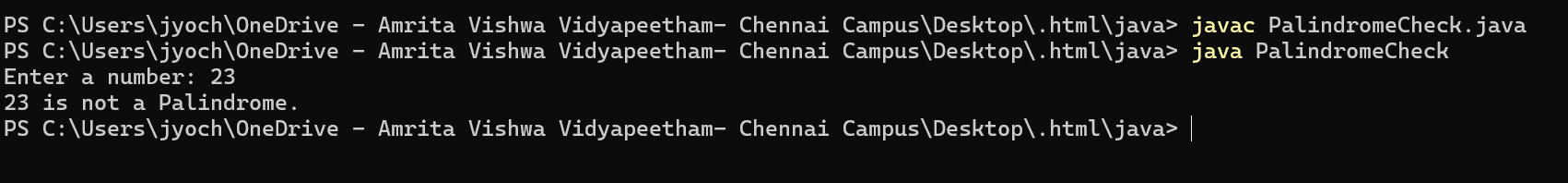


8.Palindrome Check:

Code:

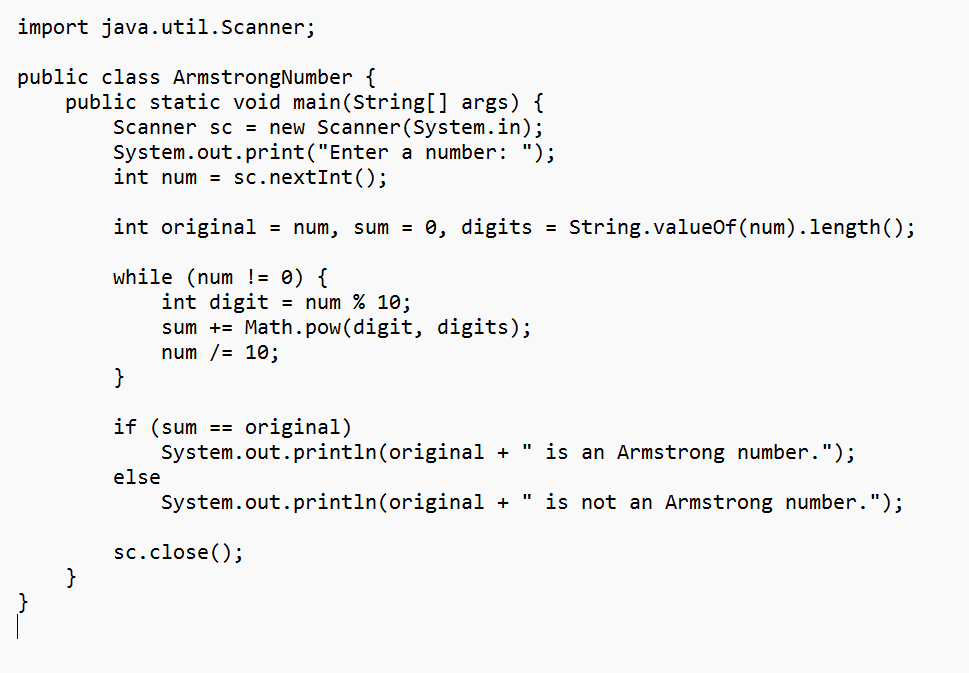


Output:

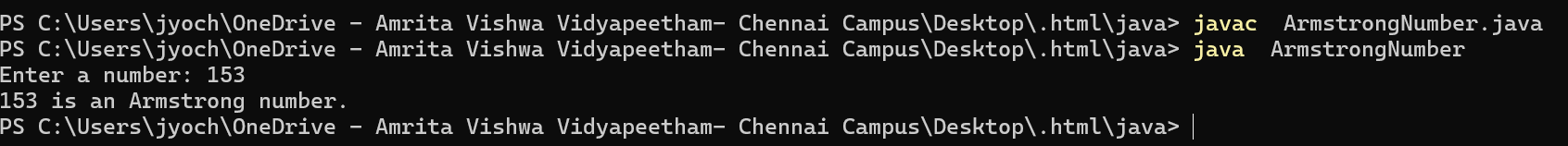


9.Armstrong Number:

Code:

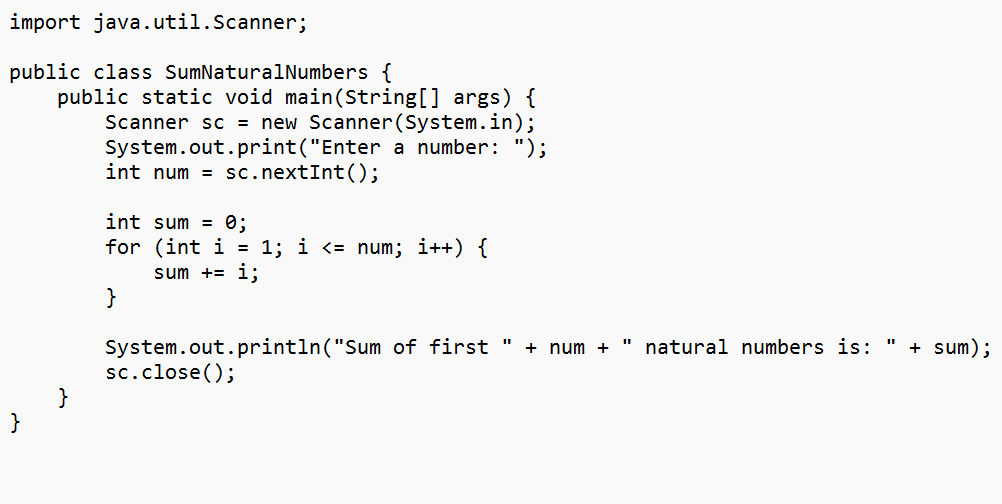


Output:



10.Sum of Natural Number:

Code:



Output:

