**REGex Software Services**

**Java Full Stack Development Program**

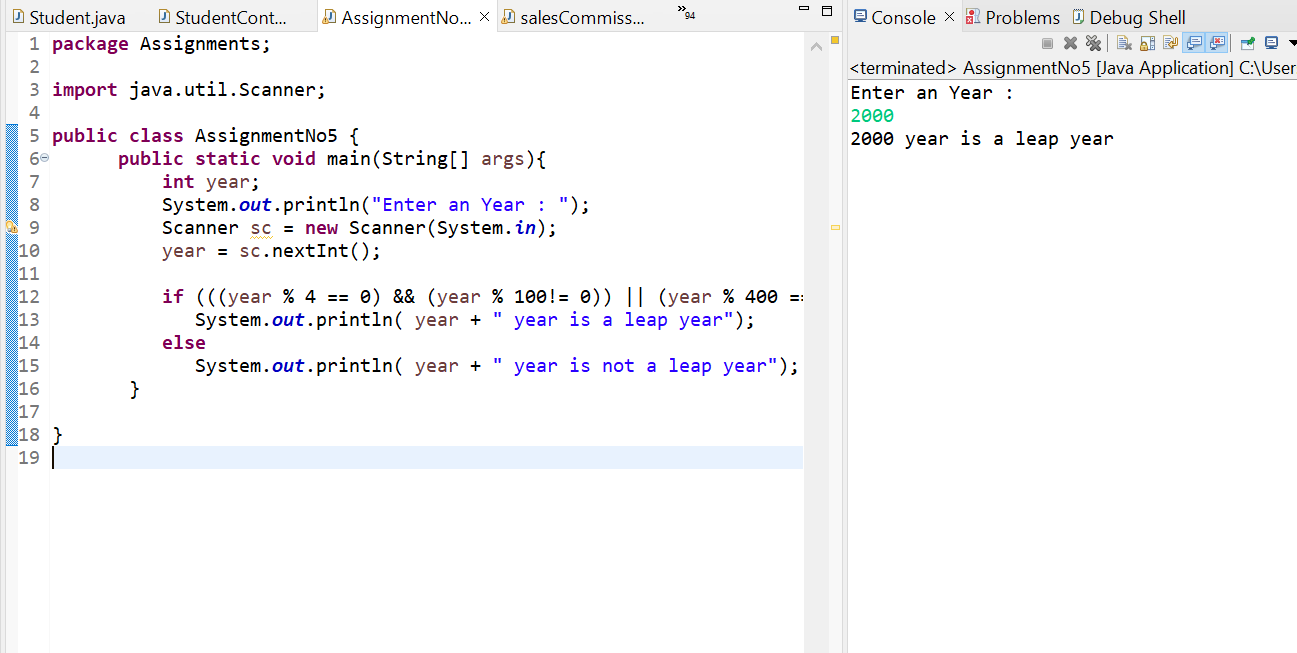
Registration I'd:  **IIPRSS1404**

Name: **Shanmukh Subhash Kumbhar**

# Subject: Assignment 5 - #Control Flow Statements

Core Java 2021 **Core Java Session 5 Assignments**

1. Accept year and find whether given year is Leap year or not.



1. Accept **Age** from console and find whether a person is eligible to vote or not.

Graphical user interface, application

Description automatically generated

3. Accept a number dynamically and find sum, reverse and no of digits in the given numbers. Input:

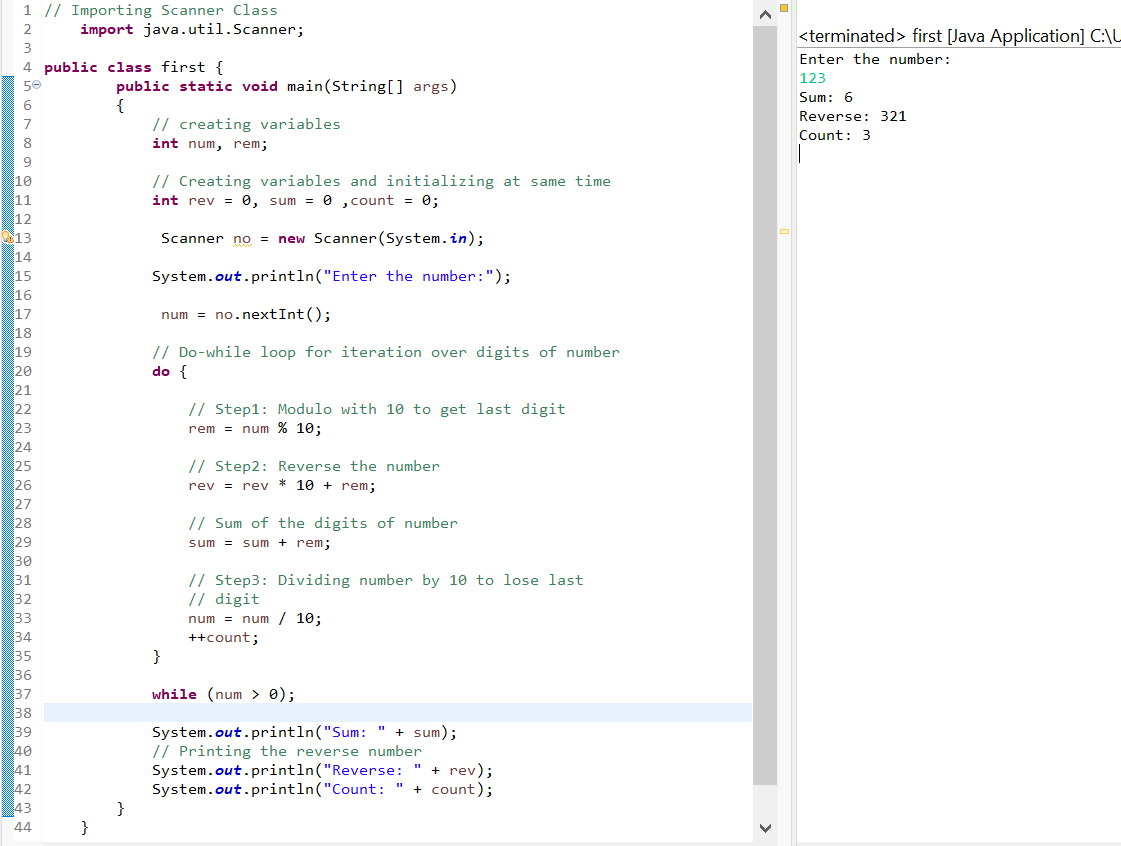
123

Output:

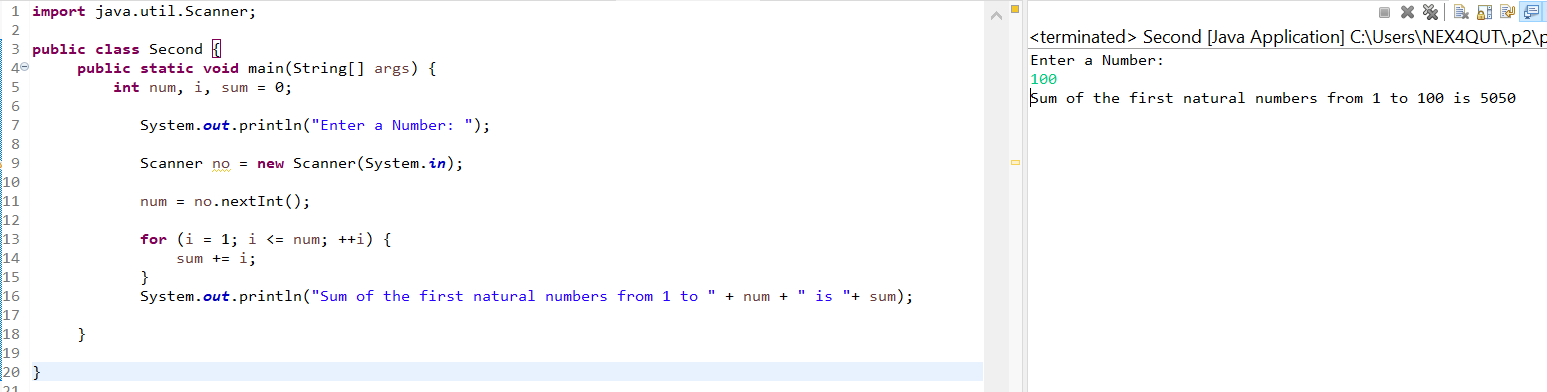
Sum: 6

Reverse: 321

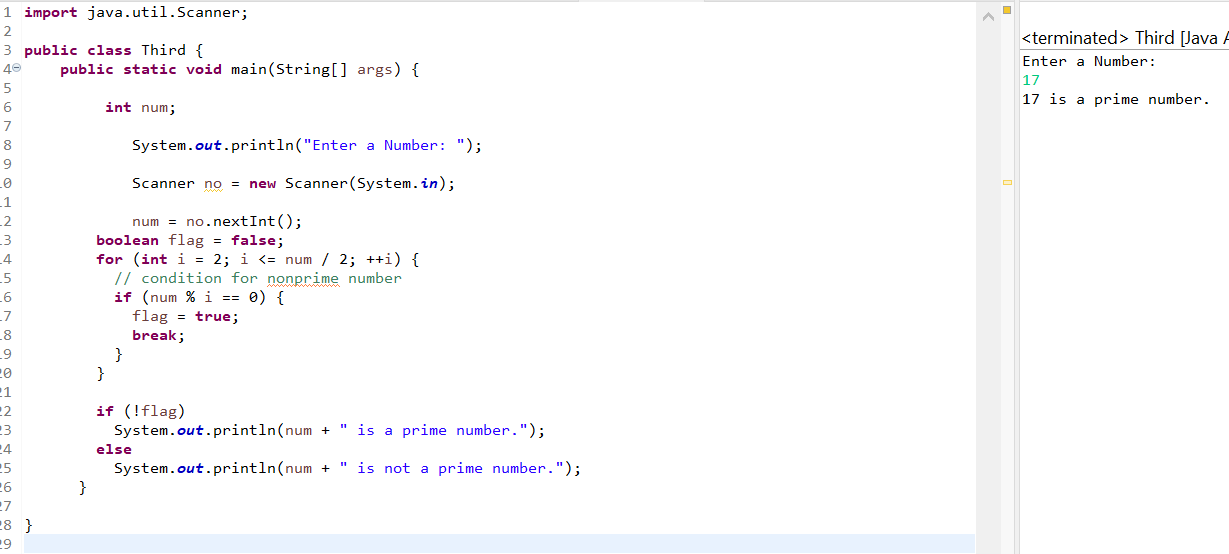
Count: 3



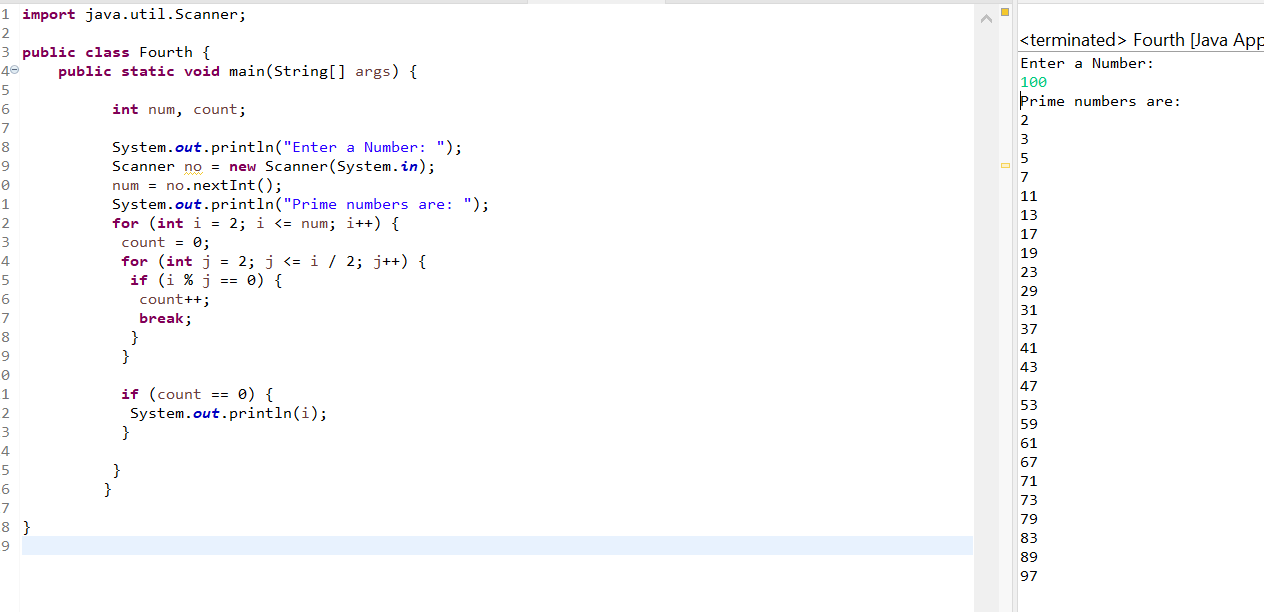
4. Write a program to find sum of the first natural numbers up to the given numbers.



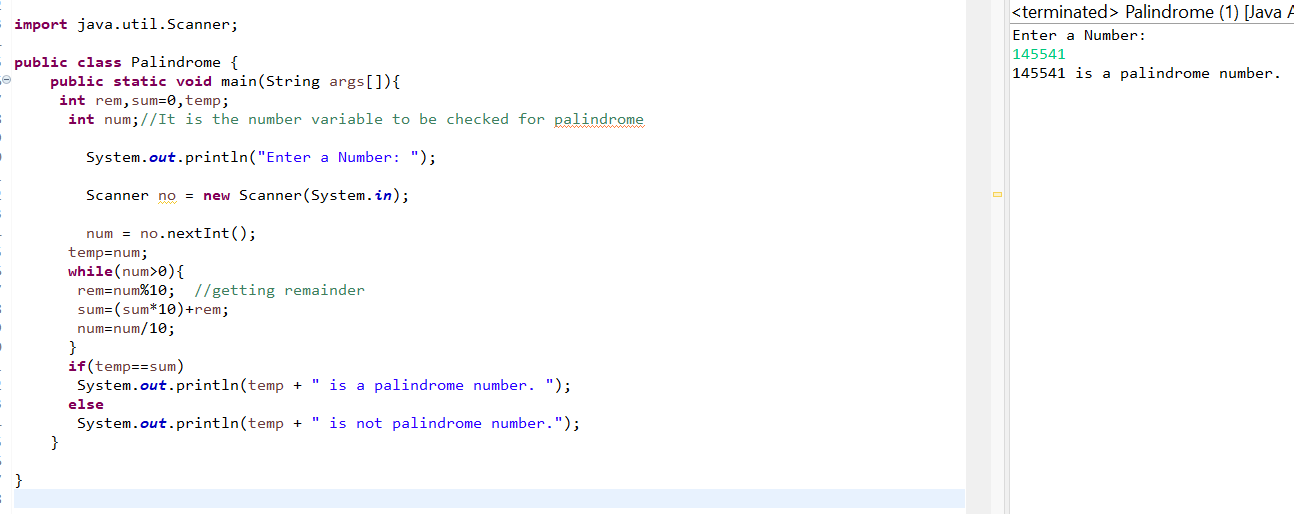
5. Write a program to check the given number is prime or not.



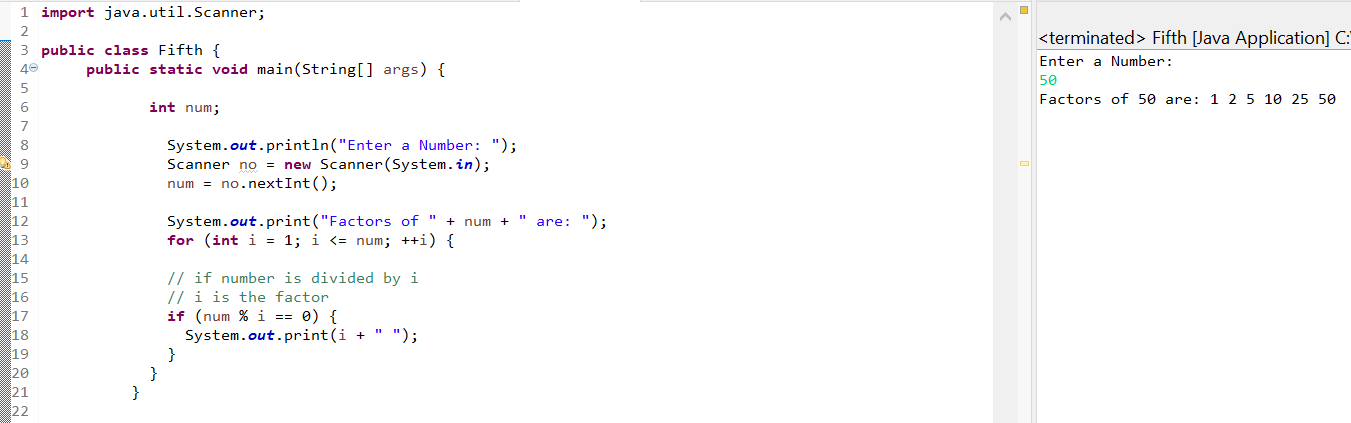
6. Write a program to print prime numbers up to the given number.



7. Write a program to check whether given number is palindrome or not.



8. Write a program to print factors of the given number.



9. Develop **Sales Commission App**

Calculate **commission** based on the following criteria

Sales Commission

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0 - 10000 0%

10001-20000 10%

20001-30000 20%

30001 - rest 25%

Print **Sales amount, Comm and total**

Graphical user interface, application

Description automatically generated

10. Develop a menu-based ***Calculator App*** with operations like **ADD, SUB, MUL** and **DIV** using do-while.

Graphical user interface, text, application

Description automatically generated

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