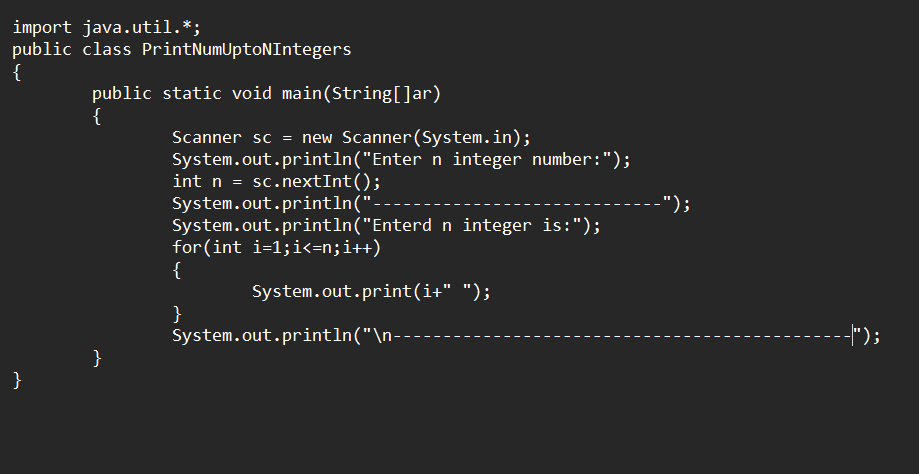
**Assignment No:-12**

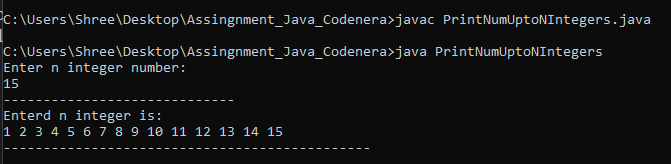
Name:-Suryawanshi Sangramsingh Sambhaji

Batch: - Delta - DCA (Java) 2024 Date:-16/5/2024

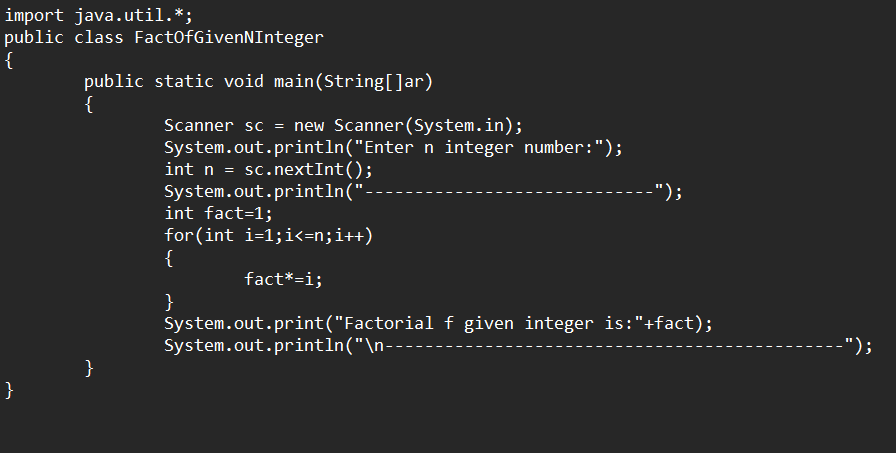
**1. Write a program that takes in an integer and prints all the numbers from 1 to that integer, inclusive.**

****

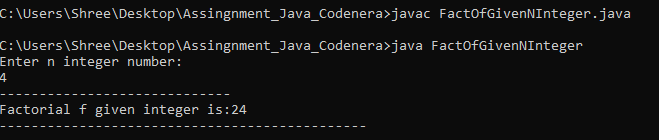
**Output:**

****

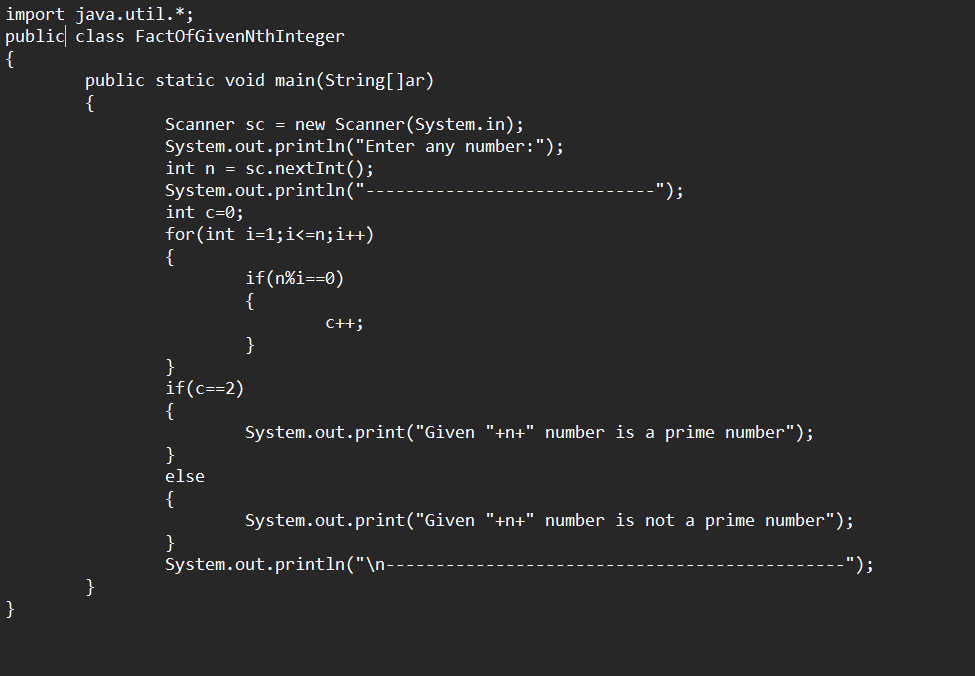
**2. Write a program that takes in an integer and calculates its factorial using a for loop.**



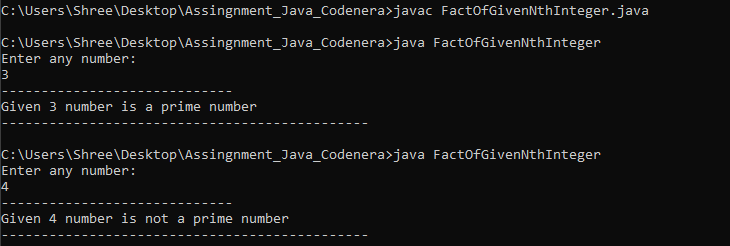
**Output:**



**3.** **Write a program that takes in an integer and checks if it is a prime number.**



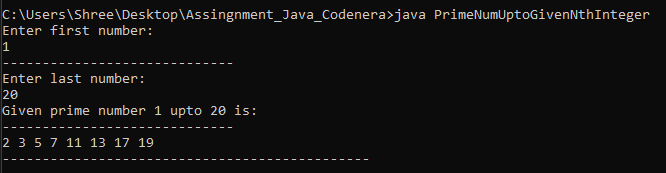
**Output:**



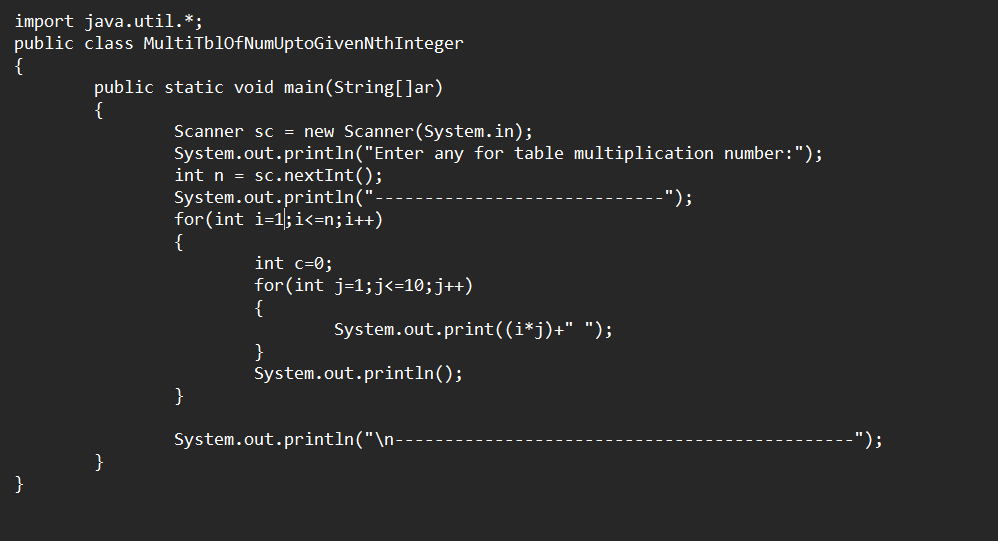
**4. Write a program that takes in an integer and prints all the prime numbers from 1 to that integer, inclusive.**

****

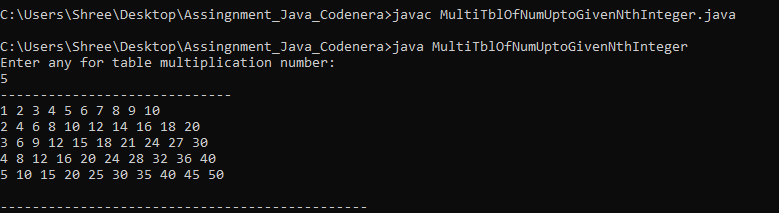
**Output:**

****

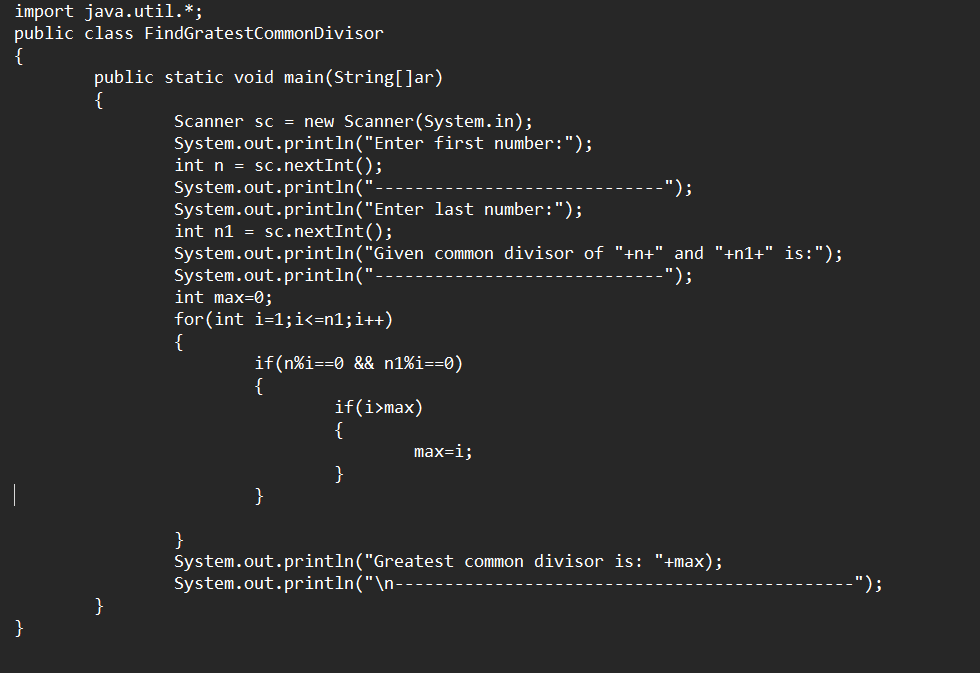
**5.** **Write a program that takes in an integer and prints a multiplication table for that integer up to a certain number of rows.**

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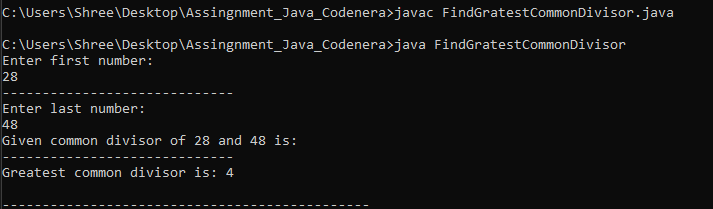
**Output:**



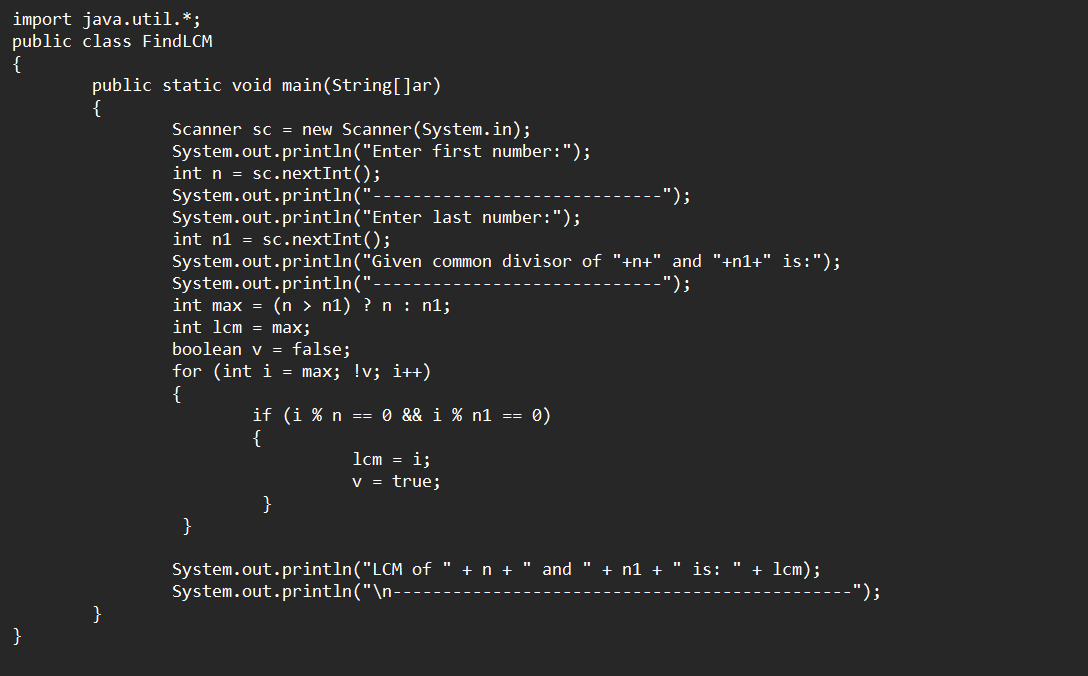
**6.** **Write a program that takes in two integers and finds their greatest common divisor (GCD).**

****

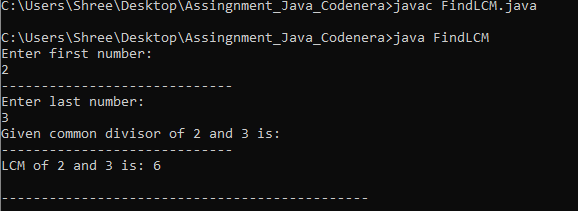
**Output:**

****

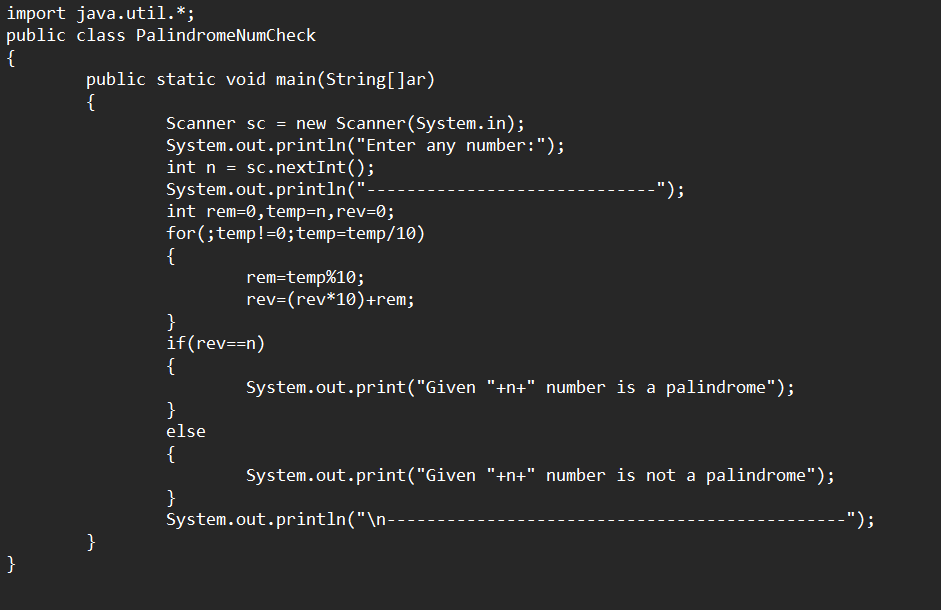
**7.** **Write a program that takes in two integers and finds their least common multiple (LCM).**

****

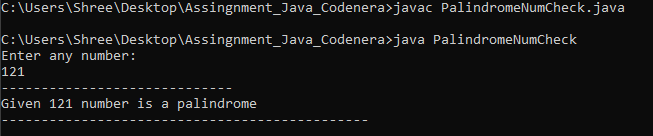
**Output:**



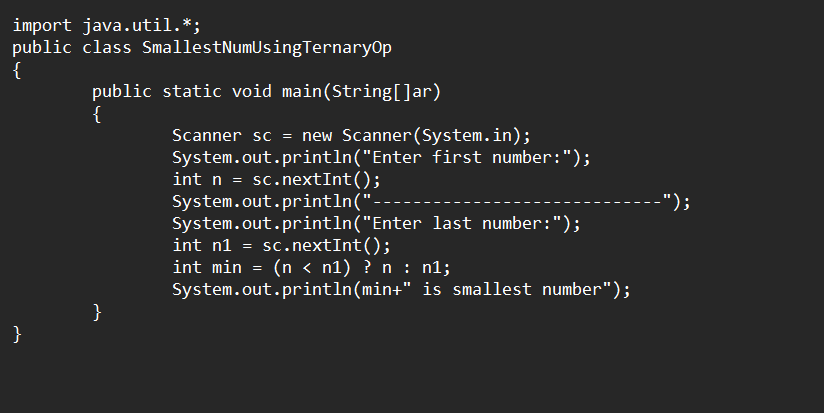
**8. Write a program that takes in an integer and checks if it is a palindrome.**

****

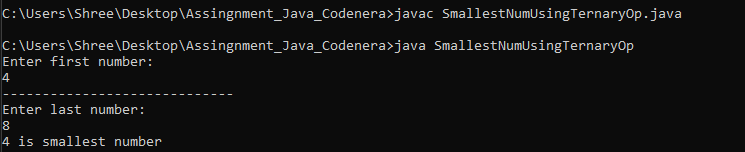
**Output:**

****

**9. Write a program that takes in two integers and uses the ternary operator to print the smaller of the two numbers.**

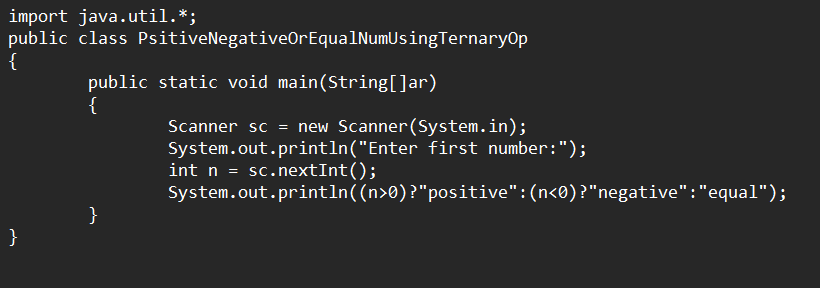
****

**Output:**

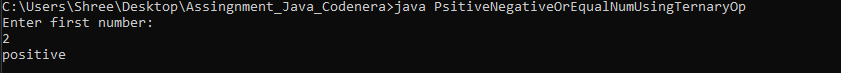


**10. Write a program that takes in an integer and uses the ternary operator to print "positive" if the number is greater than zero, "negative" if the number is**

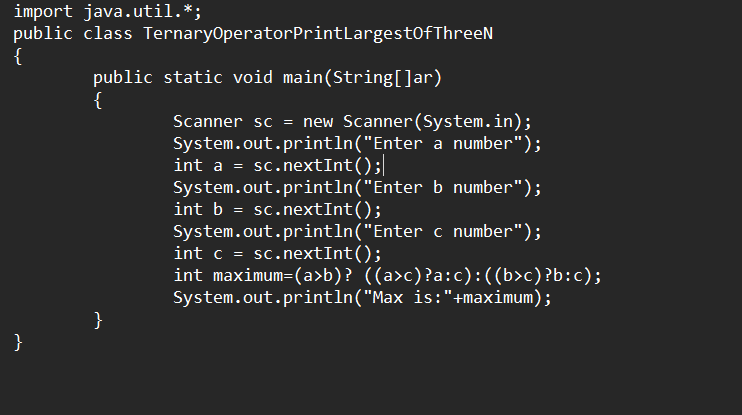
**Less than zero, and "zero" if the number is equal to zero.**

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**Output:**



**11. Write a program that takes in three integers and uses the ternary operator to print the largest of the three numbers.**

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**Output:**

