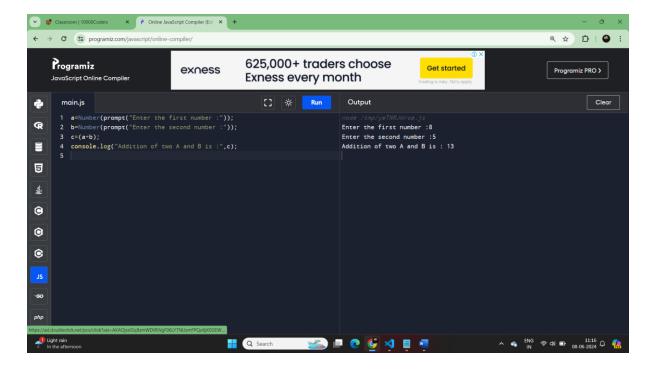
Topic: Operators& conditional statements

Date: 07/06/2024

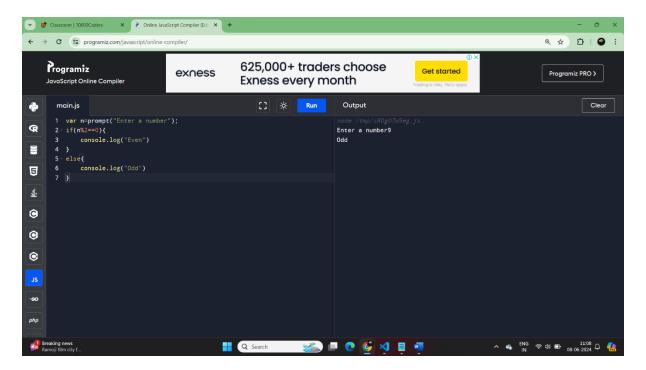
#### 1.Addition of Two Numbers

Write a program that takes two numbers as input and prints their sum.



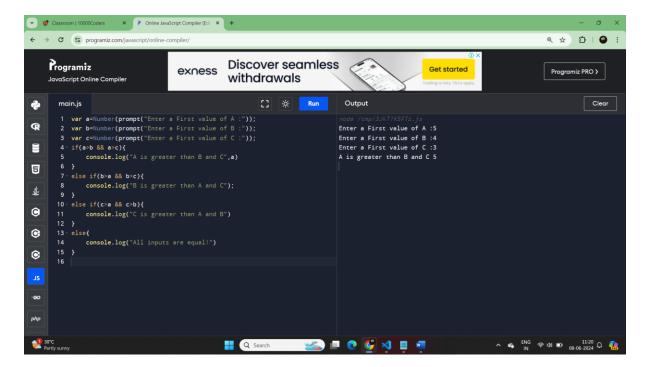
# 2.Checking Even or Odd

Write a program that takes a number as input and checks whether it is even or odd.



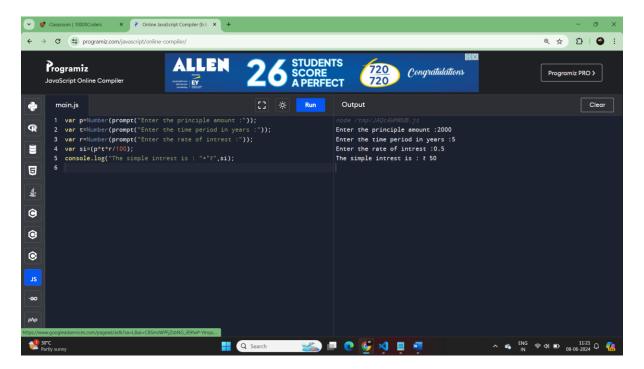
3. Maximum of Three Numbers

Write a program that takes three numbers as input and prints the maximum of the three.



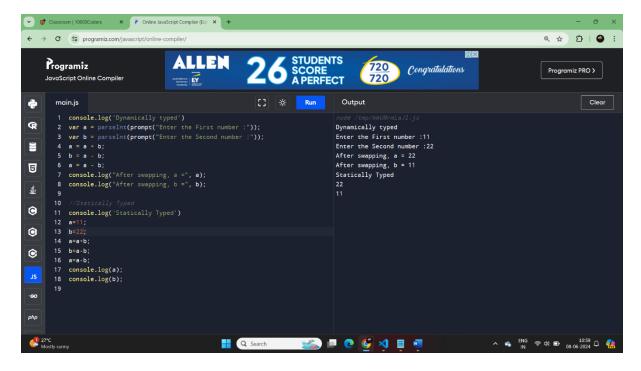
# 4. Simple Interest Calculation

Write a program to calculate simple interest given the principal amount, rate of interest, and time period.



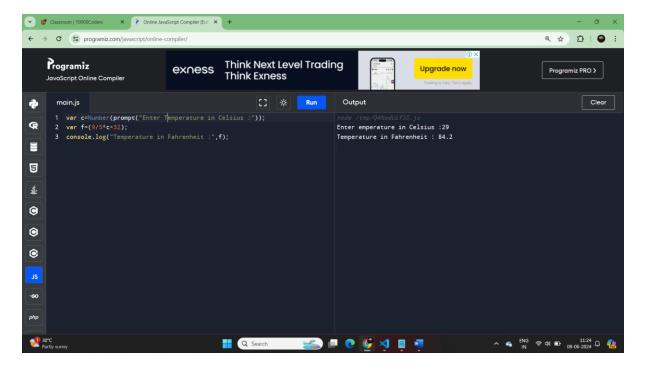
## 5. Swapping Two Variables

Write a program that swaps the values of two variables without using a temporary variable.



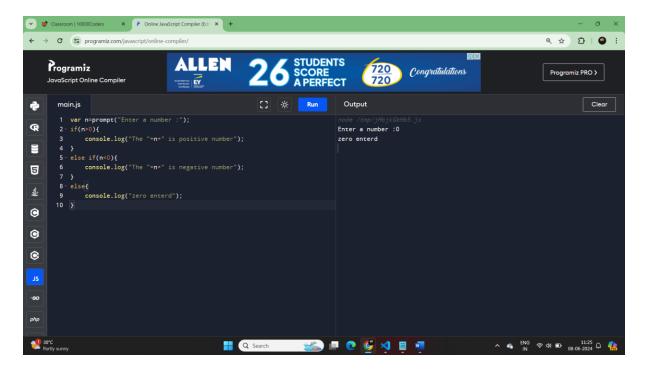
# 6.Temperature Conversion

Write a program to convert a temperature given in Celsius to Fahrenheit.



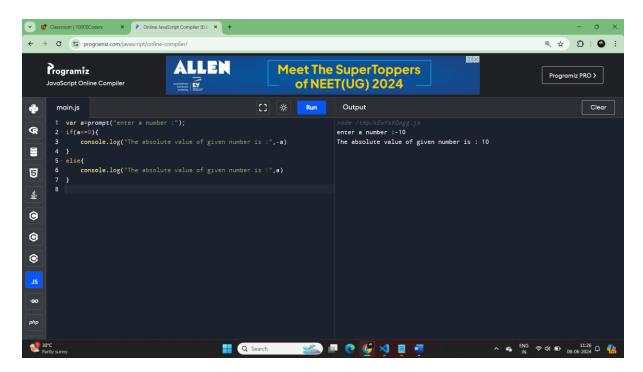
## 7. Positive, Negative, or Zero

Write a program that takes a number as input and prints whether it is positive, negative, or zero.



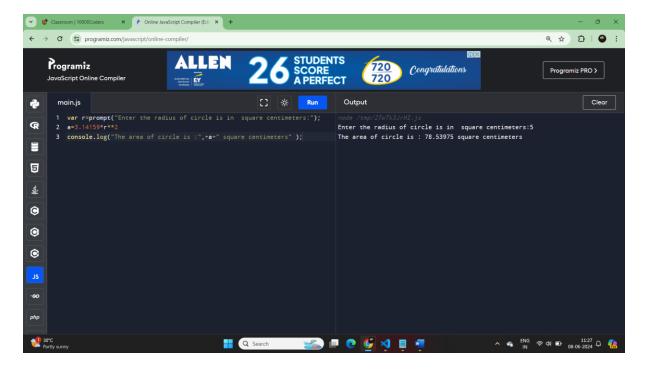
#### 8. Absolute Value

Write a program that takes a number as input and prints its absolute value.



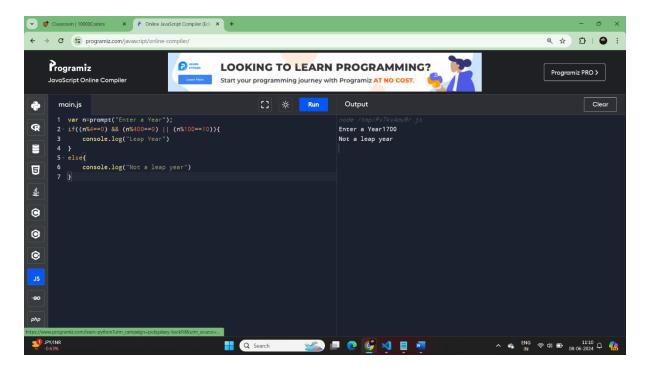
#### 9Area of a Circle

Write a program that calculates the area of a circle given its radius.



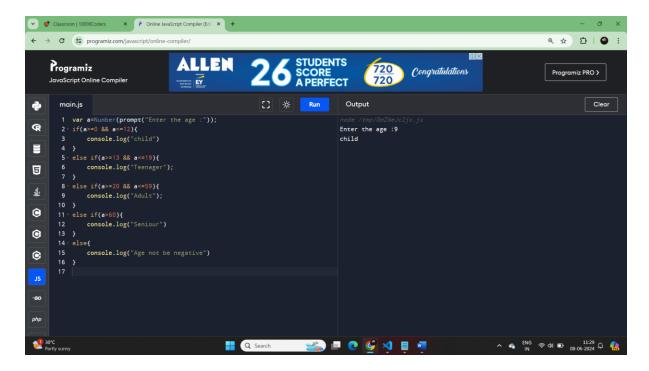
# 10. Leap Year Check

Write a program that checks if a given year is a leap year.



## 11. Age Check

Write a program that takes a person's age as input and prints whether they are a child (0-12), a teenager (13-19), an adult (20-59), or a senior (60+).



#### 12. Grade Calculation

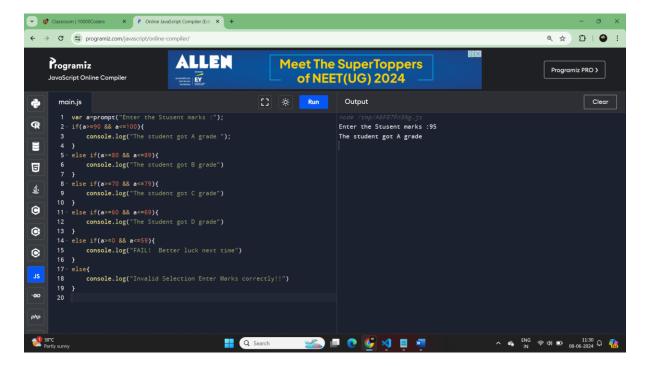
Write a program that takes a student's marks as input and prints their grade based on the following scale:

90-100: A 80-89: B

70-79: C

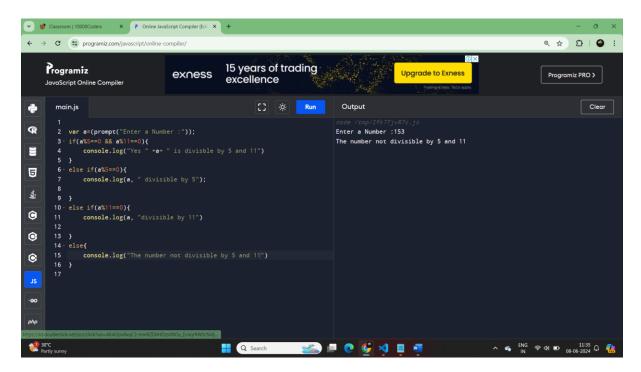
60-69: D

0-59: F



## 13. Divisibility Check

Write a program that takes a number as input and checks if it is divisible by 5 and 11.



14.A lent Rs. 5000 to B for 2 years and Rs. 3000 to C for 4 years on simple interest at the same rate of interest and received Rs. 2200 in all from both of them as interest. The rate of interest per annum is:??

