**Task 7 – Simple Calculator**

**Algorithm** Use prompt() to get two numeric inputs (can be decimal).

 Use prompt() to get the operator: +, -, \*, or /.

 Convert number inputs to type Number.

 Use if-else-if-else to perform the selected operation.

 Before division, check if the second number is zero.

 Display input and result using both console.log() and alert().

**Psudocode**

START

PROMPT for first number

PROMPT for second number

PROMPT for operator

CONVERT numbers

IF operator is +

CALCULATE sum

ELSE IF operator is -

CALCULATE difference

ELSE IF operator is \*

CALCULATE product

ELSE IF operator is /

IF second number is 0

DISPLAY "Division by zero error"

ELSE

CALCULATE division

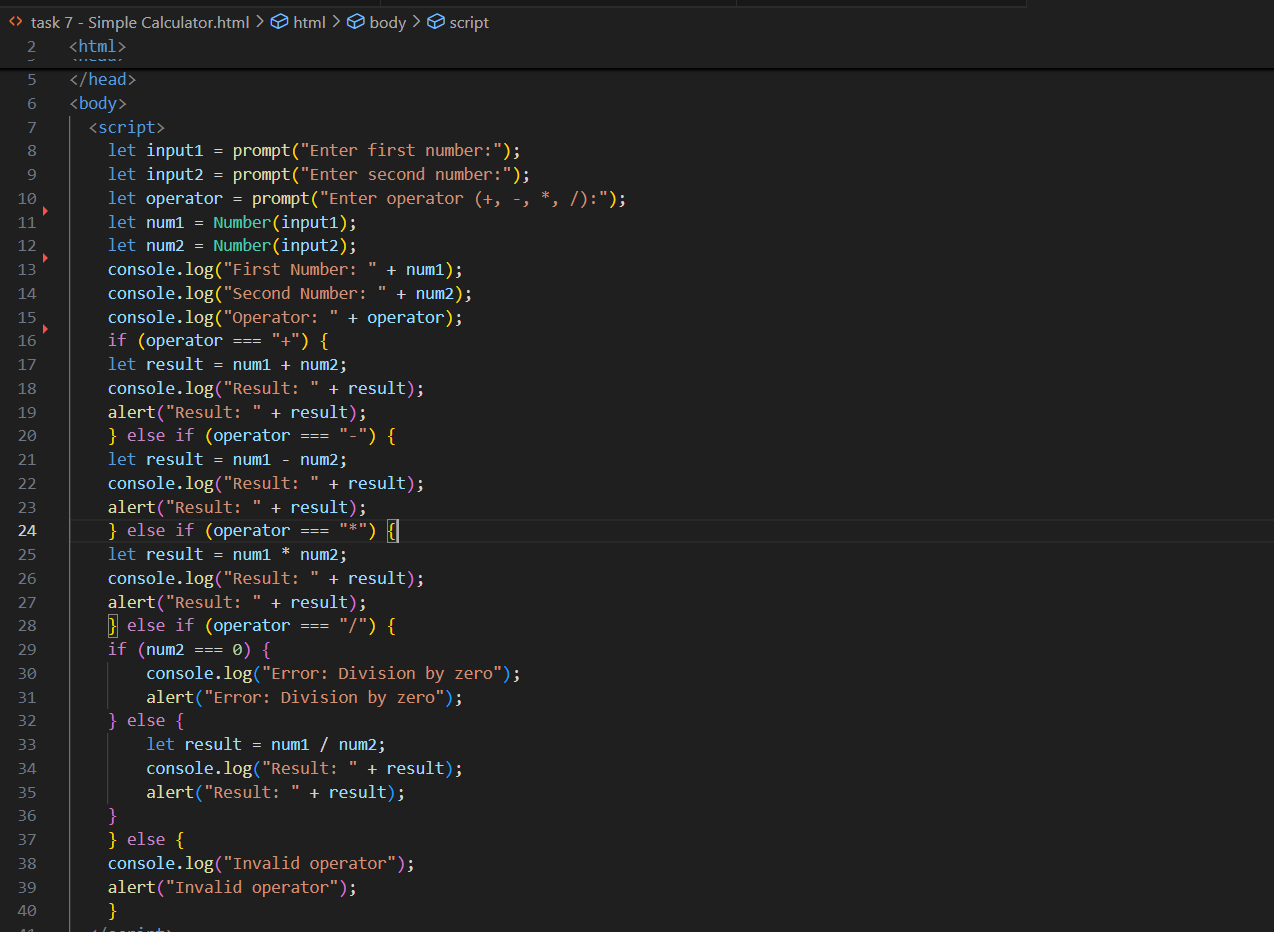
ELSE

DISPLAY "Invalid operator"

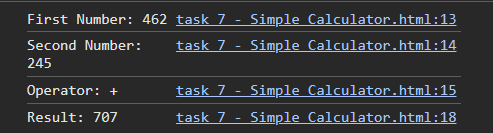
DISPLAY result

END

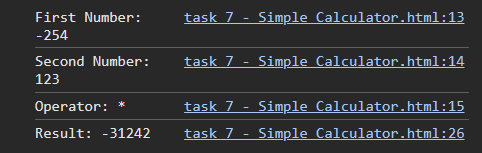
**Code(javascript)**

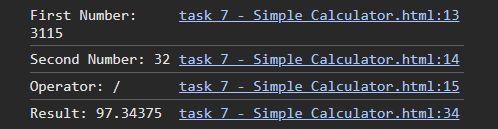
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**Output (test case 1)**



**Output (test case 2)**

  
  
**Output (test case 3)**



**Observations**

 This program shows how to combine multiple conditions using if-else-if.

 Handles **user input**, **basic math**, and **input validation** (division by zero).

 Input and result are displayed clearly for easy testing and debugging.

 A practical and hands-on task to understand multi-branch decision-making and error handling.