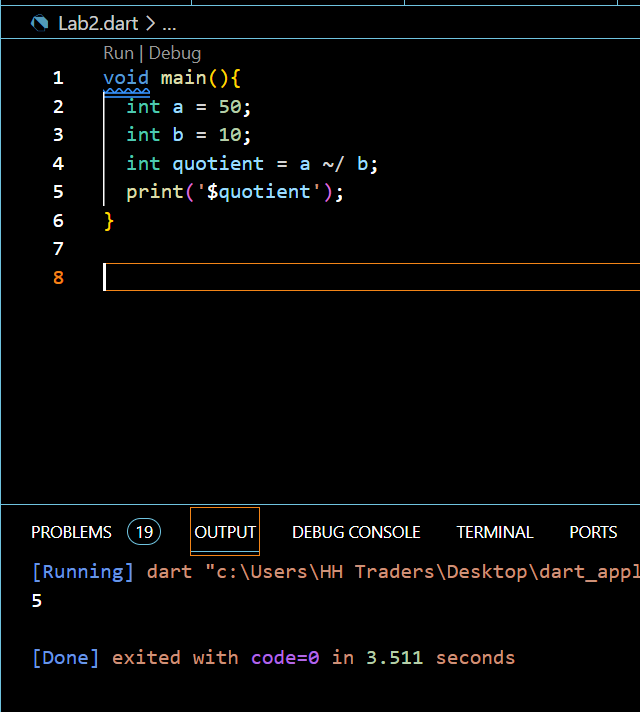
**LAB NO 2**

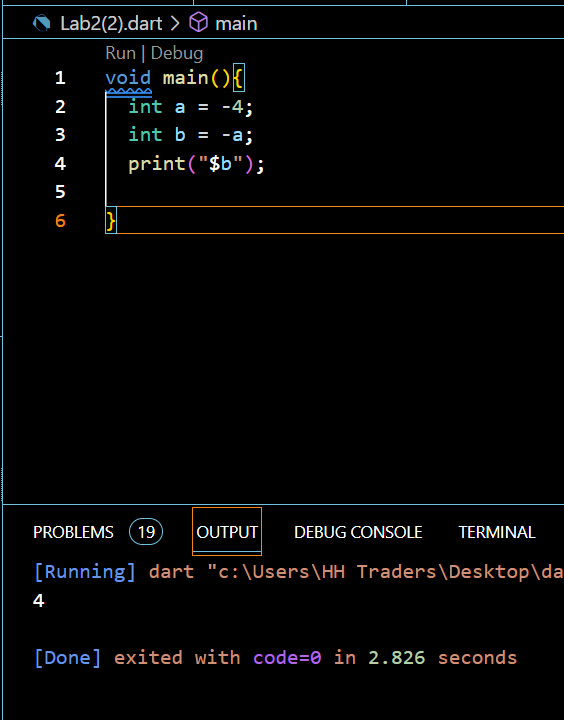
**VARIABLES AND OPERATORS**

**Practice Questions**

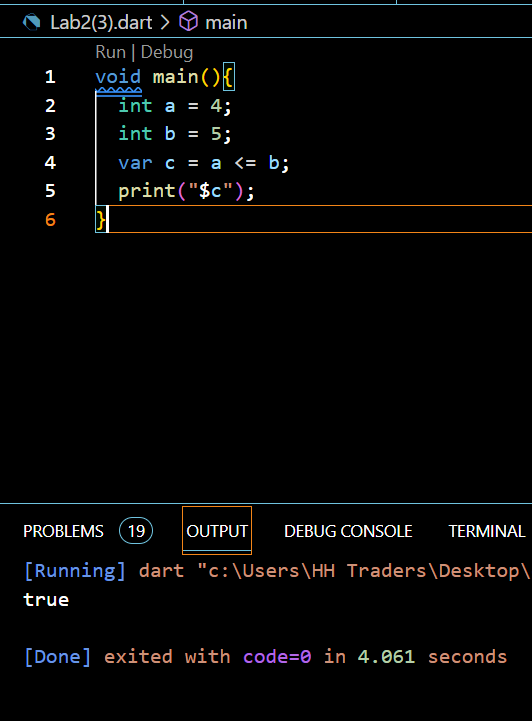
**1) Write a Dart program that calculates the result of integer division between two numbers and prints the quotient.**

****

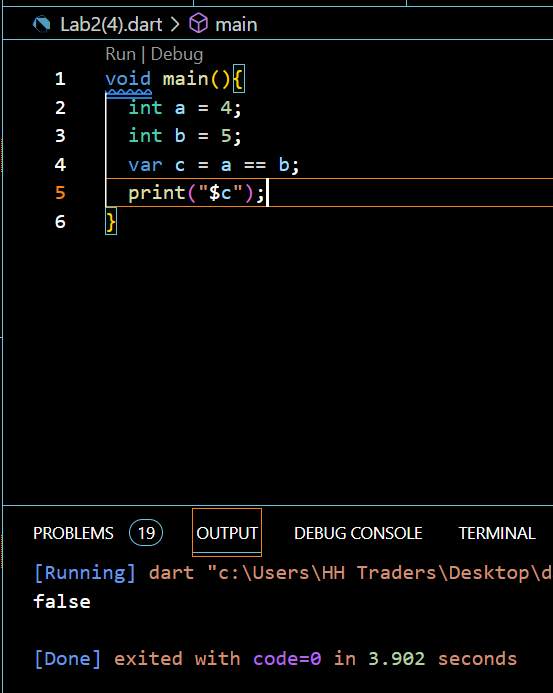
**2) Write a Dart program that takes an integer as input (initialize) and prints its negative value using the unary minus operator.**

****

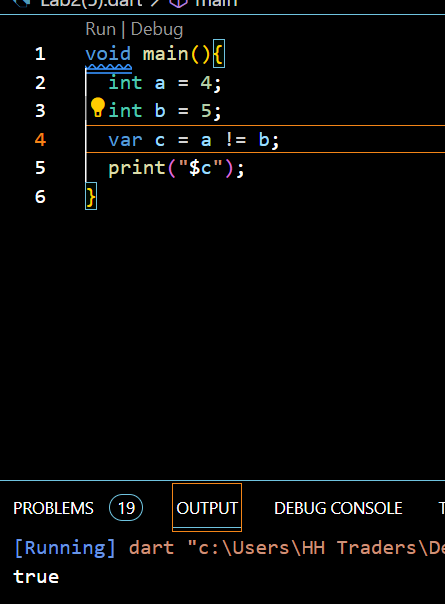
**3) Write a Dart program that compares two numbers and prints whether the first number is less than or equal to the second.**

****

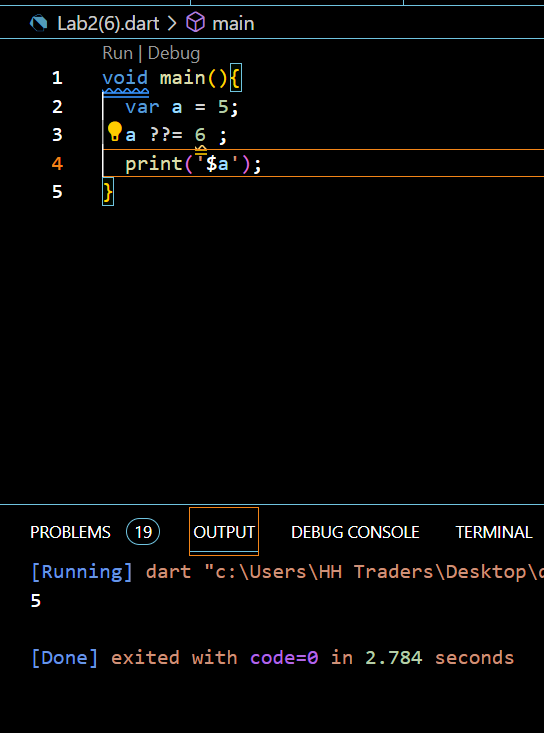
**4) Write a Dart program that compares two numbers and prints whether they are equal.**

****

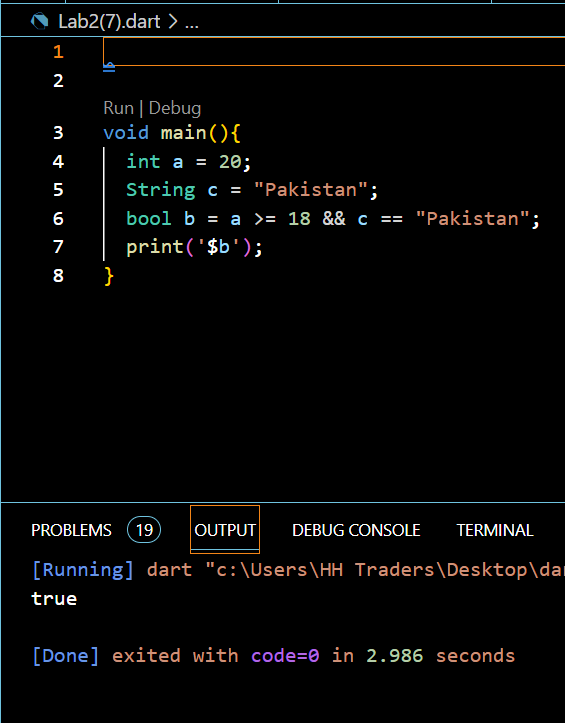
**5) Write a Dart program that compares two numbers and prints whether they are not equal.**

****

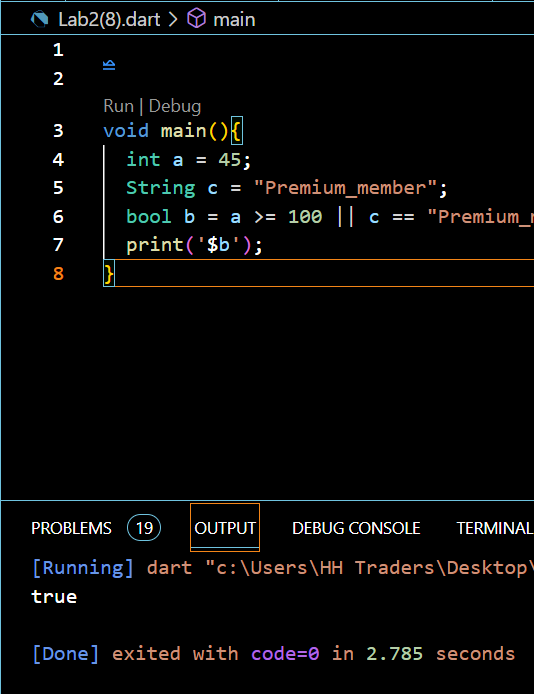
**6) Write a Dart program that initializes a variable with a default value and updates it only if the variable is null.**

****

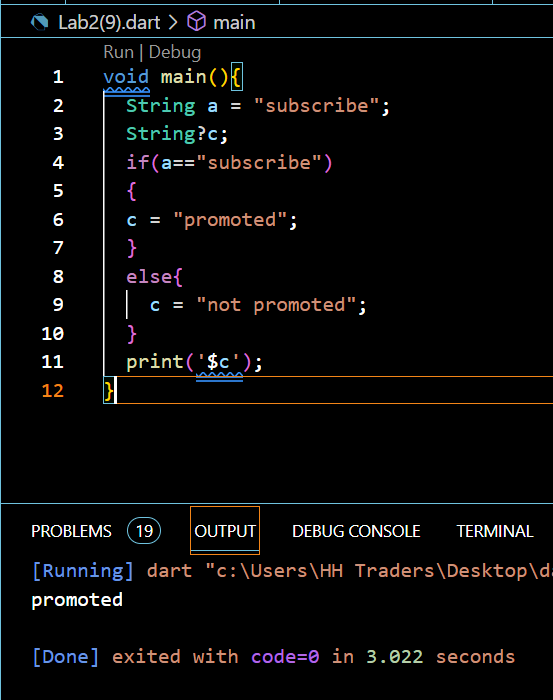
**7) Write a Dart program that checks if a person is eligible to vote based on their age and citizenship. The person must be at least 18 years old and a citizen.**

****

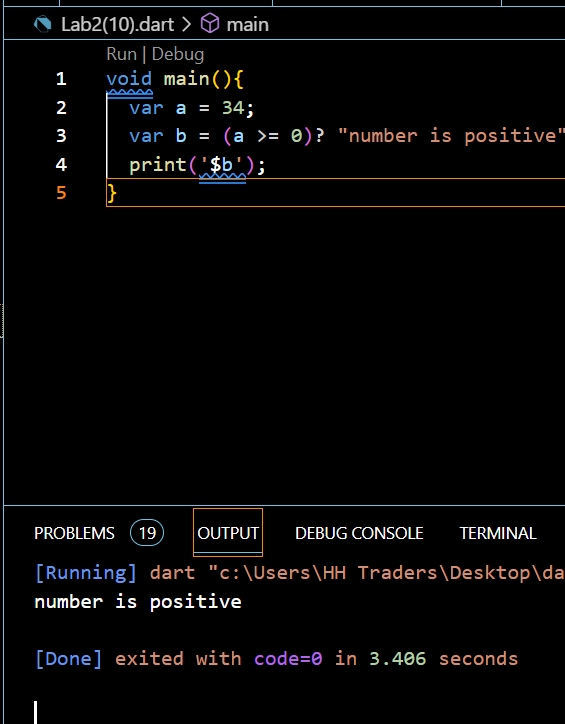
**8) Write a Dart program that checks if a user is eligible for a discount on a purchase. The discount is applicable if the user is a premium member or if their total purchase amount exceeds $100.**

****

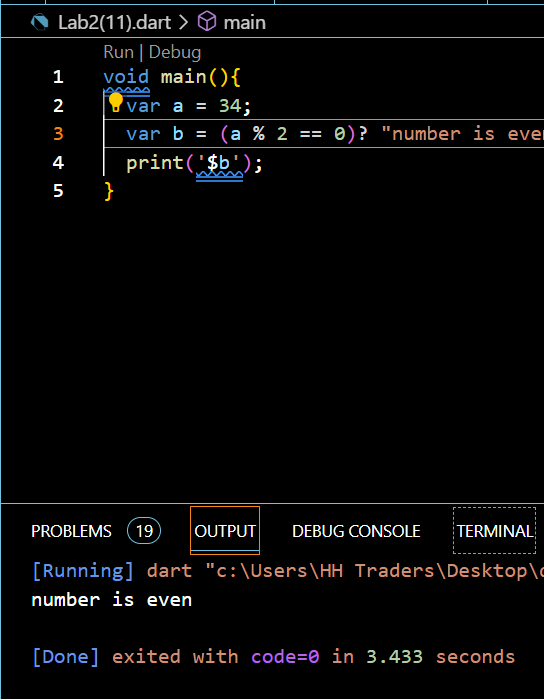
**9) Write a Dart program that checks if a user has not subscribed to a newsletter. The user will receive a promotional offer only if they are not subscribed.**

****

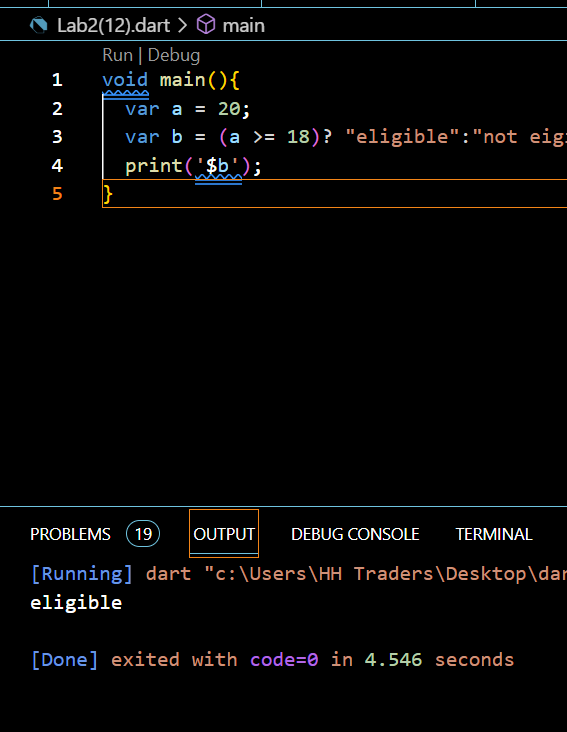
**10) Write a Dart program that determines whether a given number is positive or negative using the ternary operator.**

****

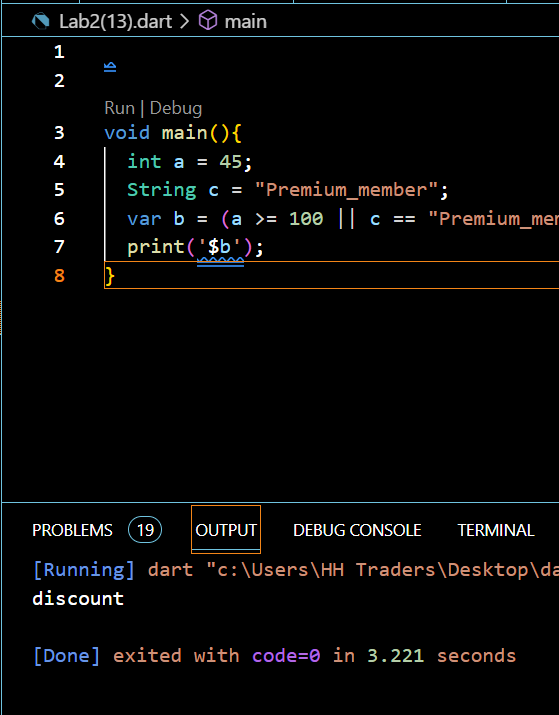
**11) Write a Dart program that determines whether a given number is even or odd using the ternary operator.**

****

**12) Write a Dart program that checks if a person is eligible to vote based on their age, using the ternary operator.**

****

**13) Write a Dart program that checks if a user is eligible for a discount on a purchase, using the ternary operator.**

****