



Day 6 Assignment: Conditional Statement-2

Problem 1

- Write code to check if a number is positive, negative, or zero.
- Write code that calculates the final grade (A, B, C, D, or F) for a student.
- Write code that takes a user's age and checks for "You're a minor" if the age is less than 18, and "You're an adult" otherwise.
- Write code that determines if a given year is a leap year and logs the result.
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Problem 2: Marriage Eligibility Check:

Create a JavaScript program to determine if a person is eligible for marriage based on their gender and age. If the person is male, check if he is 21 years or older; if yes, he is eligible. If the person is female, check if she is 18 years or older; if yes, she is eligible. Print a message indicating whether the person is eligible for marriage or not.

Problem 3: Driving Eligibility:

Create a program to determine if a person is eligible to obtain a driver's license. If the person is 16 or older, check if they have passed the written test. If they have passed the written test, they are eligible for a driver's license; otherwise, they are not eligible.

Problem 4: Online Food Ordering:

- If the order total is \$50 or more, the customer is eligible for free delivery.
- If the order total is less than \$50, check the customer's loyalty status:
 - If the customer is a loyalty member (yes/no), they are eligible for free delivery.
 - If the customer is not a loyalty member, check the distance from the restaurant to the delivery address:
 - If the distance is less than 5 miles, the customer is eligible for free delivery.
 - If the distance is 5 miles or more, delivery is not free.