

Here's an assignment focused on JavaScript conditional statements:

Part 1: `if` Statements

1. Age Verification:

- Declare a variable `age` and assign it a numeric value.
- Use an `if` statement to check if the person is eligible to vote (age 18 or older).
- Log a message to the console indicating whether the person can vote or not.

2. Temperature Check:

- Declare a variable `temperature` and assign it a numeric value.
- Use an `if` statement to check if the temperature is greater than or equal to 30 degrees Celsius.
- Log a message to the console indicating whether it's a hot day or not.

Part 2: `if-else` Statements

3. Grade Evaluation:

- Declare a variable `score` and assign it a numeric value (between 0 and 100).
- Use an `if-else` statement to evaluate the grade:
 - If the score is greater than or equal to 90, log "A".
 - If the score is between 80 and 89, log "B".
 - If the score is between 70 and 79, log "C".
 - If the score is between 60 and 69, log "D".
 - If the score is below 60, log "F".

4. Number Parity:

- Declare a variable `number` and assign it an integer value.
- Use an `if-else` statement to check if the number is even or odd.
- Log a message to the console indicating whether the number is even or odd.

Example Solution:

```
// Part 1: if Statements
let age = 21;
if (age >= 18) {
    console.log("You are eligible to vote.");
} else {
    console.log("You are not eligible to vote yet.");
}

let temperature = 25;
if (temperature >= 30) {
    console.log("It's a hot day!");
} else {
    console.log("It's not a hot day.");
}

// Part 2: if-else Statements
let score = 85;
if (score >= 90) {
    console.log("A");
} else if (score >= 80) {
    console.log("B");
} else if (score >= 70) {
    console.log("C");
} else if (score >= 60) {
    console.log("D");
} else {
    console.log("F");
}

let number = 15;
if (number % 2 === 0) {
    console.log("The number is even.");
} else {
    console.log("The number is odd.");
}
```