**Conditional Statements by Prompt**

**1. Check if a Number is Even or Odd**

**Question:**

Write a JavaScript program that prompts the user to enter a number and alerts "Even" if the number is even, or "Odd" if the number is odd. Use the modulus operator % to check if the number is divisible by 2.

var num = prompt("Enter a number:");

if (num % 2 == 0) {

alert("Num is even");

} else {

alert("Num is odd");

}

**Input (via prompt):**  
Enter a number: 7

**Output (via alert):**  
"Num is odd”

**Input (via prompt):**  
Enter a number: 10

**Output (via alert):**

"Num is even”

**2. Compare Two Numbers**

**Question:**  
Write a JavaScript program that prompts the user to enter two numbers and alerts:

* "Greater" if the first number is greater than the second,
* "Equal" if both numbers are equal,
* "Smaller" if the first number is smaller than the second.

var num1=prompt("Enter a number 1:");

var num2=prompt("Enter a number 2:");

if(num1 > num2){

alert("Greater")

}

else if(num1 == num2){

alert("Equal")

}

else{

alert("Smaller")

}

**Input (via prompt):**

Enter the number 1: 10

Enter the number 2: 5

**Output (via alert):**

"Greater"

**Input (via prompt):**

Enter the number 1: 7

Enter the number 2: 7

**Output (via alert):**

"Equal"

**3. Driving Eligibility Check**

**Question:**

Write a JavaScript program that prompts the user to enter their age and whether they have a valid driver's license (true or false). The program should alert "Can drive" if the person is 18 or older and has a valid driver's license, otherwise, it should alert "Cannot drive."

var age=+prompt("Enter your age");

var license=prompt("Do you have a valid license ")

if(age >= 18 )

{

if(license =="yes"){

alert("Can drive")

}

else{

alert("Cannot drive")

}

}

else{

alert("Can't drive")

}

**Input (via prompt):**

Enter your age: 20

Do you have a valid driver's license : yes

**Output (via alert):**

"Can drive"

**Input (via prompt):**

Enter your age: 16

Do you have a valid driver's license : yes

**Output (via alert):**

"Cannot drive"

**4. Determine if a Number is Positive, Negative, or Zero**

**Question:**

Write a JavaScript program that prompts the user to enter a number and alerts "Positive" if the number is greater than 0, "Negative" if the number is less than 0, or "Zero" if the number is 0.

var num = prompt("Enter a number")

if(num > 0){

alert("Number is Positive")

}

else if(num < 0){

alert("Number is Negative")

}

else{

alert("Number is zero")

}

**Input (via prompt):**

Enter a number: 5

**Output (via alert):**

"Positive"

**Input (via prompt):**

Enter a number: -3

**Output (via alert):**

"Negative"

**Input (via prompt):**

Enter a number: 0

**Output (via alert):**

"Zero"