

- 1- Write a program to check if a given number is positive, negative, or zero using if-else.
- 2- Write a program that uses confirm() to ask the user: "Do you want to proceed?" If the user clicks OK, display "You chose to proceed" in an alert. If the user clicks Cancel, display "Action canceled."
- 3- Modify this code to use a ternary operator instead of if-else:

```
var num = 10;
if (num % 2 === 0) {
    console.log("hi");
} else {
    console.log("heloo");
}
```

- 4- Ask the user to enter his age. You must validate the user input (positive numbers only)
 Show the status of the user knowing that
 Child is between 1-10
 Teenager is between 11-18
 Grown up is between 19-50
 Old is greater than 50

Bonus

keep asking the user to enter another age until he clicks cancel

- 5- Write a JavaScript program to convert the 24 hour clock to 12 , adding **am** or **pm** based on its value use prompt() to get the value from the user.
 Examples

0 -> 12AM

11 -> 11AM

13 -> 1PM

- 6- Write a JavaScript program to Convert First letter to Uppercase Ask the user to enter the string and Show the result
- 7- Write a script where the user confirms their choice of color:

First, use prompt() to let the user type their favorite color.

Then, use confirm() to ask: "You chose [color]. Is that correct?"

If OK, display an alert: "Great choice!"

If Cancel, display: "Let's try again."

- 8- How do you compare two dates in JavaScript to see if one is earlier than the other?
- 9- Write a JavaScript program to calculate the number of days between Given two dates.
- 10- How can you extract the substring "World" from the string "Hello World!"?
- 11- How can you round the number 5.678 to two decimal places?
- 12- Write a JavaScript program that print true if a number is divisible by both 3 and 5, otherwise false.