

Conditional statements In JS

a. If

1. Single line if
2. if-else
3. if-else if-else
4. nested if

b. switch

c. Ternary Operator

```
let a;  
a = prompt("Enter a number");  
if (isNaN(a)) {  
    document.write("Given input is not a number");  
} else {  
    if (a % 2 === 0) {  
        document.write("Number is even");  
    } else {  
        document.write("Number is odd");  
    }  
}
```

Ternary Operator

Syntax:

=====

```
<var_name>=(test_cond)?<true_stmt>:<false_stmt>;
```

```
let a, str;
a = prompt("enter an integer ");
if (isNaN(a) == false) {
    str = a % 2 == 0 ? "Number is even" : "Number is odd";
} else {
    str = "You did not enter a number";
}
document.write(`${str}`);
```

The switch Statement

```
let ch = prompt("Enter a char:");
switch (ch) {
    case "A":
    case "E":
    case "I":
    case "O":
    case "U":
        document.write("It is a vowel");
        break;
    default:
        document.write("You entered something else");
}
```