==Solution 1==: Ternary operator is used to test the conditions similar to that of an if else block. It has three operands: condition, statement if condition is true and statement if condition will be false.

Syntax:

JavaScript
condition ? Value if true : value if false;

First we define the condition and if it's evaluated to be true then the statement after the question mark will be executed else the statement after the colon will be executed.

JavaScript
```
const number = 10;
const result = number % 2 === 0 ? "Even" : "Odd";
console.log(result);
```

==Solution 2==: Comma operator allows us to evaluate multiple expressions in a single statement like declaring multiple variables in a single statement separating them with the comma operator.

Example:

Javascript
```
const a=10, b=15, c=20;
console.log(a,b,c);
```

==Solution 3:==

```
        let number = prompt("Enter a number:");

        let result = number > 0 ? "positive" : (number < 0 ? "negative" : "zero");

        console.log(result);
```

==Solution 4==:

```
        let age = prompt("Enter your age:");

        let result = age >= 18 ? "You can vote" : "You cannot vote";

        console.log(result);
```