

```

> let result;
  result = '3'+2;
  console.log(result);
32
< undefined
> result = '3'+true
< '3true'
> result = '3'+true
  console.log(result);
3true
< undefined
>

```

```

> const a = 3, b = 2 ;
  console.log(a < 2);
  console.log(b < 3);
false
true
< undefined
> const a = 2
  console.log(a <= 3)
  console.log(a <= 2)
true
true
< undefined
> |

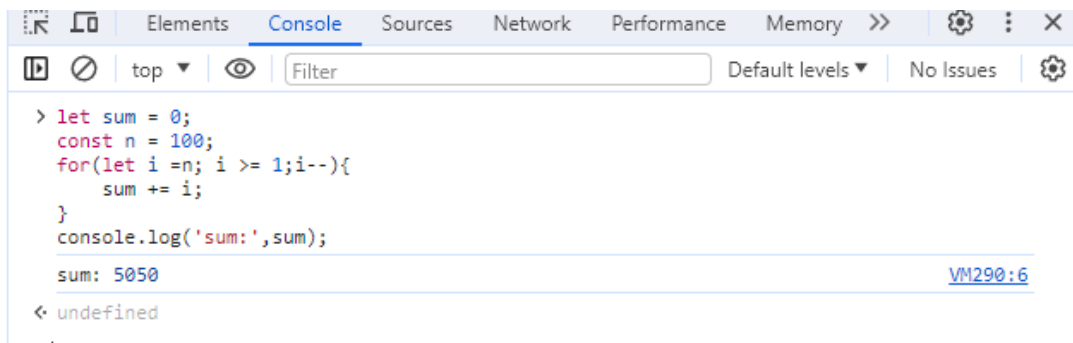
```

```

> const number = prompt("Enter a number:");
  if (number > 0){
    console.log("The number is postive")
  }
  else if (number == 0){
    console.log("The number is 0");
  }
  else{
    console.log("The number is negative");
  }
  console.log("The if...else if...else statement is easy");
The number is postive
The if...else if...else statement is easy
< undefined
>

```

3/27



The screenshot shows a web browser's developer console with the 'Console' tab selected. The console displays the following JavaScript code and its output:

```
> let sum = 0;
const n = 100;
for(let i = n; i >= 1; i--){
  sum += i;
}
console.log('sum:', sum);
```

The output shows 'sum: 5050' on the right side of the console, with a link to 'VM290:6'. Below the output, the prompt '< undefined' is visible.

4/10



The screenshot shows a web browser's developer console with the 'Console' tab selected. The console displays the following JavaScript code and its output:

```
> let trafficLight = "yellow";
let message = ""
switch (trafficLight){
  case "red":
    message = "Stop immediately.";
    break;
  case "yellow":
    message = "Prepare to stop.";
    break;
  case "green":
    message = "Proceed or continue driving.";
    break;
  default:
    message = "Invalid traffic light color.";
}
console.log(message)
```

The output shows 'Prepare to stop.' on the right side of the console, with a link to 'VM844:16'. Below the output, the prompt '< undefined' is visible.

Below this, the console shows the following JavaScript code:

```
> function greet(name){
  ("Hello" + name + ":");
}
let name = prompt("Enter a name: ");
greet(name);
```

The output shows '< undefined' on the right side of the console. Below the output, the prompt '> |' is visible.