```
//------------------------------------------1------------------------------------------
```

```javascript
//Traffic Light System
// Simulate a traffic light system:

// If the light is red, log "Stop."
// If the light is yellow, log "Get ready to move."
// If the light is green, log "Go."
// If the input doesn't match any color, log "Invalid input."

var light = "red";
//var light="yellow"
//var light="green"
if (light == "red") {
  console.log("Stop");
} else if (light == "yellow") {
  console.log("Get ready to move");
} else if (light == "green") {
  console.log("Go");
} else {
  console.log("Invalid input");
}
```

```
PS D:\10k\HTML\js> node control.js
Stop
PS D:\10k\HTML\js>
```

```
//--------------------------------2------------------------------------------------
```

```javascript
//var temp = 0;
var temp = 15;
//var temp = 25;
if (temp == 0) {
  console.log("It's freezing cold.");
} else if (temp == 15) {
  console.log("It's a cool day.");
} else if (temp == 25) {
  console.log("It's a pleasant day.");
} else {
  console.log("Unknown weather.");
}
```

```
PS D:\10k\HTML\js> node control.js
It's a cool day.
PS D:\10k\HTML\js>
```

//--------------------------------3------------------------------------

```javascript
// Create a program that takes input of a number representing the day of the week (1-7):

// If the number is 1, log "Today is Monday."
// If the number is 2, log "Today is Tuesday."
// If the number is 3, log "Today is Wednesday."
// If the number is 4, log "Today is Thursday."
// If the number is 5, log "Today is Friday."
// If the number is 6, log "Today is Saturday."
// If the number is 7, log "Today is Sunday."
// If the input is not between 1 and 7, log "Invalid day number."

var num = 10; //You can change the num as 2,3,4,5,6,7.....
if (num == 1) {
  console.log("Today is Monday.");
} else if (num == 2) {
  console.log("Today is Tuesday.");
} else if (num == 3) {
  console.log("Today is Wednesday.");
} else if (num == 4) {
  console.log("Today is Thursday.");
} else if (num == 5) {
  console.log("Today is Friday.");
} else if (num == 6) {
  console.log("Today is Saturday.");
} else if (num == 7) {
  console.log("Today is Sunday.");
} else {
  console.log("Invalid day number.");
}
```

```
PS D:\10k\HTML\js> node control.js
Invalid day number.
PS D:\10k\HTML\js>
```