JAVASCRIPT

1.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 traffic = "red";
if(traffic=="red"){
   console.log("stop");
}else if(traffic=="yellow"){
   console.log("ready to move");
}else if(traffic=="green"){
   console.log("go");
}else{
   console.log("invalid input");
}
```

2.Weather Description (Temperature Descriptions)

Write a program that describes the temperature:

If the temperature is exactly 0, log "It's freezing cold."

If the temperature is exactly 15, log "It's a cool day."

If the temperature is exactly 25, log "It's a pleasant day."

If the temperature doesn't match any of these, log "Unknown weather."

```
var temperature ="0";
if(temperature==0){
    console.log("its freezing cold");
}else if(temperature==15){
    console.log("its a cool day");
}else if(temperature==25){
    console.log("its a pleasant day")
}else{
    console.log("unknown weather")
}
```

3.: Day of the Week

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 day= 7;
```

```javascript
if(day==1){
    console.log("today is monday");
}else if(day==2){
    console.log("today is tuesday");
}else if(day==3){
    console.log("today is wednesday");
}else if(day==4){
    console.log("today is tuseday");
}else if(day==5){
    console.log("today is friday");
}else if(day==6){
    console.log("today is saturday");
}else if(day==7){
    console.log("today is sunday lets enjoy");
}else{
    console.log("invalid number")
}
```