

# **LOOPING STATEMENTS**

## **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."**

```
code:var light="red"
    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")
    }
```

## **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."**

```
code:var temperature="0"
    if(temperature=="0")
```

```

{
  console.log("It's freezing cold")
}
else if(temperature=="15")
{
  console.log("It's a cool day")
}
else if(temperature=="25")
{
  console.log("It's 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."**

**code:**var number="1"

```

if (number==1)
{
  console.log("Today is monday")
}
else if(number=="2")
  console.log("Today is tuesday")

```

```
}  
else if(number=="3")  
{  
  console.log("Today is wednesday")  
}  
else if(number=="4")  
{  
  console.log("Today is thursday")  
}  
else if(number=="5")  
{  
  console.log("Today is friday")  
}  
else if(number=="6")  
{  
  console.log("Today is saturday")  
}  
else if(number=="7")  
{  
  console.log("Today is sunday")  
}  
else  
{  
  console.log("Invalid day number")  
}
```