

1.TRAFFIC LIGHT SYSTEM

STIMULATE 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 colour,log "invalid input."

code:

```
var light='yellow';
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");
}
```

Output is: get ready to move

2.WEATHER DESCRIPTION (Temparature descriptions)

Write a code program that describes the temperature:

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

If the temparature is exactly 15,log "it's a cool day."

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

If the temperature is does not match any of these, log "unknown weather."

Code:

```
var temp=0;
if(temp==0){
    console.log("it's a freeging temperature");
}
```

```

}
else if (temp==15){
    console.log("it's a cool day");
}
else if(temp==25){
    console.log("it's a pleseant day");

}
else{
    console.log("unknown weather")
}

```

Output: it's a freezing temperature

3.DAY OF WEEK

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

If the number is 1, log "Today is Monnday."
 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 day=4;
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 Thursday");  
}  
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");  
}  
else {  
    console.log("invalid day number");  
}
```

Output: Today is thursday