Task

1. var traffic ="hgh";

```
if (traffic=="red"){
  console.log("stop")
} else if(traffic=="yellow"){
  console.log("Get ready to move")
} else if(traffic=="green"){
  console.log("Go")
} else{
  console.log("invalid output")
}
```

Output: invalid output.

Explation: our code looks good for checking traffic light colors. since the value of traffic is set to **"hgh",** it will always result in **"invalid output"** because it doesn't match any of the defined colors.

2. var temperature="exactly 21";

```
if (temperature=="exactly 0"){
  console.log("it's freezing cold")
} else if(temperature=="exactly 15"){
  console.log("it's a cool day")
} else if(temperature=="exactly 25"){
  console.log("it's a pleasant day")
} else {
  console.log("Unknown weather")
}
```

Output: Unknown Weather.

Explation: Your code checks the temperature string against specific values, but since temperature is set to **"exactly 21",** it will always result is **"Unknown weather."** because it doesn't match any of the defined temperature.

3. var day="number is 8";

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

Task

```
} else if(day=="number is 3"){

   console.log("Today is Wednesday")

} else if(day=="number is 4"){

   console.log("Toady is Thursady")

} else if(day=="number is 5"){

   console.log("Today is Friday")

} else if(day=="number is 6"){

   console.log("Toady is Saturady")

} else if(day=="number is 7"){

   console.log("Toady is Sunday")

} else{

   console.log("Invalid day number")

}
```

Output: Invalid day number.

Explation: Your code checks for specific day numbers, but since day is set to **"number is 8",** it will result **"Invalid day number."** If you want to test other days, you can modify the day variable.