

## Day-5 TASKS

### Task 1: Day of the Week Message

Scenario: Develop a webpage that displays a special message based on the current day of the week.

“Start your week strong!” for Monday.

“Keep going!” for Tuesday.

“Halfway there!” for Wednesday.

“Almost the weekend!” for Thursday.

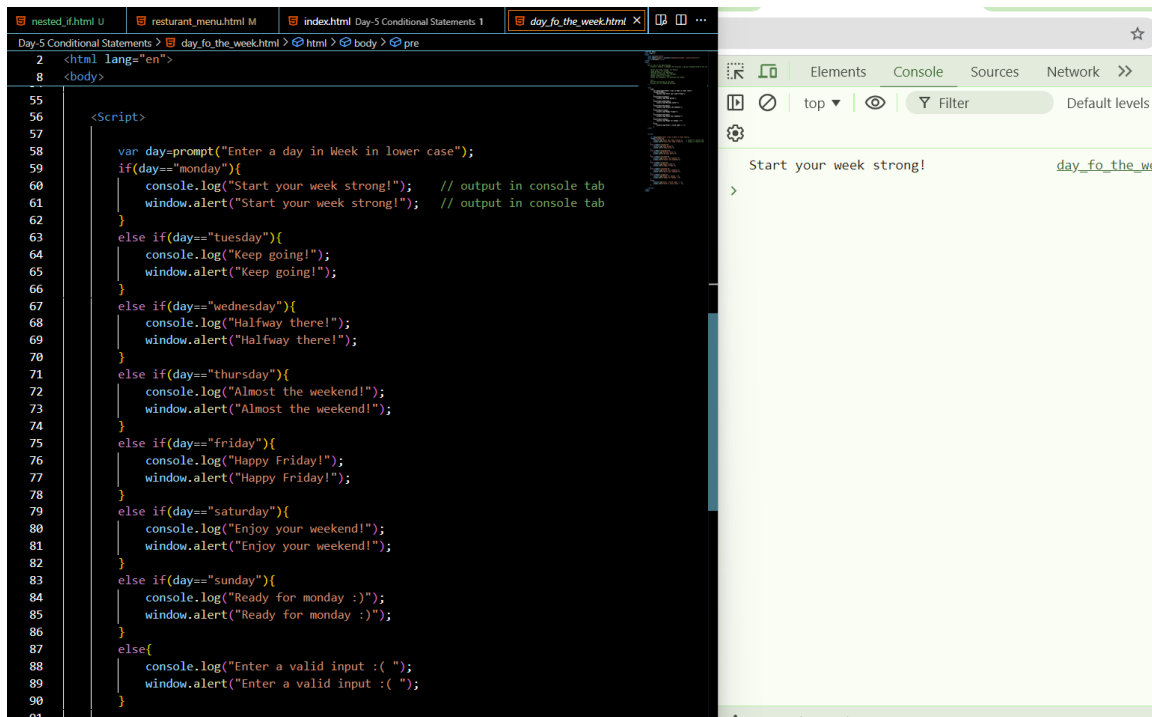
“Happy Friday!” for Friday.

“Enjoy your weekend!” for Saturday and Sunday.

#### Task:

Get the current day of the week.

Display the corresponding message.



```
Day-5 Conditional Statements > day_fo_the_week.html > html > body > pre
2 <html lang="en">
8 <body>
55
56
57 <Script>
58     var day=prompt("Enter a day in Week in lower case");
59     if(day=="monday"){
60         console.log("Start your week strong!"); // output in console tab
61         window.alert("Start your week strong!"); // output in console tab
62     }
63     else if(day=="tuesday"){
64         console.log("Keep going!");
65         window.alert("Keep going!");
66     }
67     else if(day=="wednesday"){
68         console.log("Halfway there!");
69         window.alert("Halfway there!");
70     }
71     else if(day=="thursday"){
72         console.log("Almost the weekend!");
73         window.alert("Almost the weekend!");
74     }
75     else if(day=="friday"){
76         console.log("Happy Friday!");
77         window.alert("Happy Friday!");
78     }
79     else if(day=="saturday"){
80         console.log("Enjoy your weekend!");
81         window.alert("Enjoy your weekend!");
82     }
83     else if(day=="sunday"){
84         console.log("Ready for monday :)");
85         window.alert("Ready for monday :)");
86     }
87     else{
88         console.log("Enter a valid input :( ");
89         window.alert("Enter a valid input :( ");
90     }
91
```

### Task 2: Traffic Light Simulation

Scenario: Simulate a traffic light system.

“Stop” if the light is red.

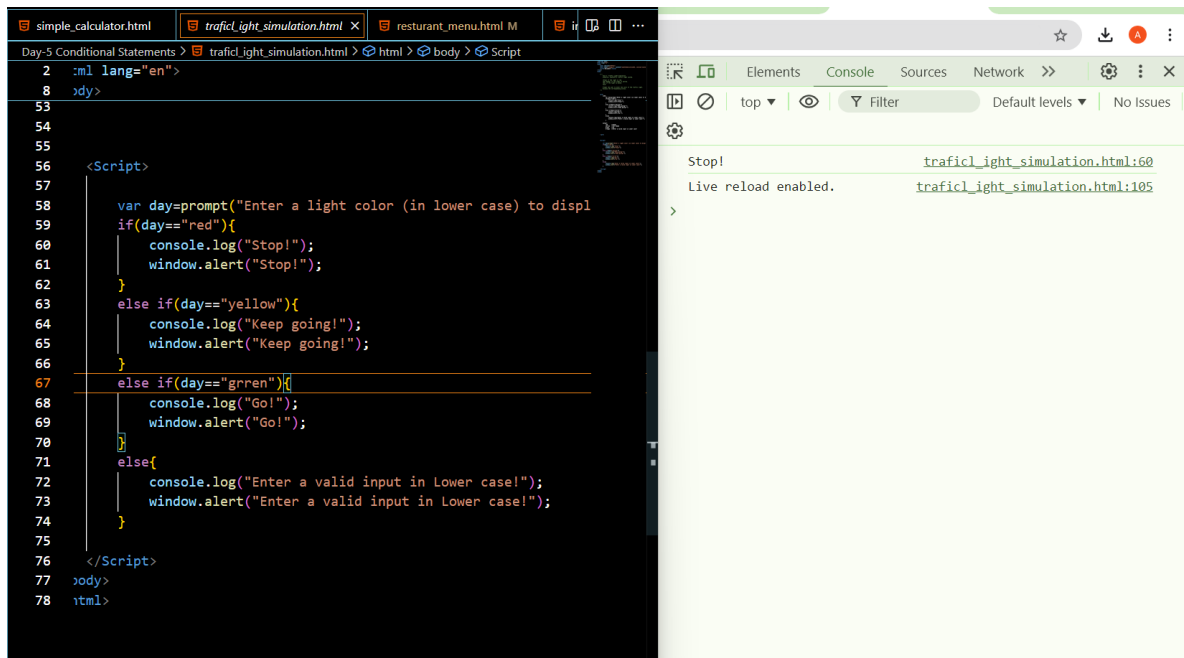
“Get Ready” if the light is yellow.

“Go” if the light is green.

#### Task:

Prompt the user to enter the color of the traffic light.

Display the corresponding action.



### Task 3: Discount Calculator

Scenario: Calculate the discount based on the total purchase amount.

"No discount" if the amount is less than \$50.

"5% discount" if the amount is between \$50 and \$100.

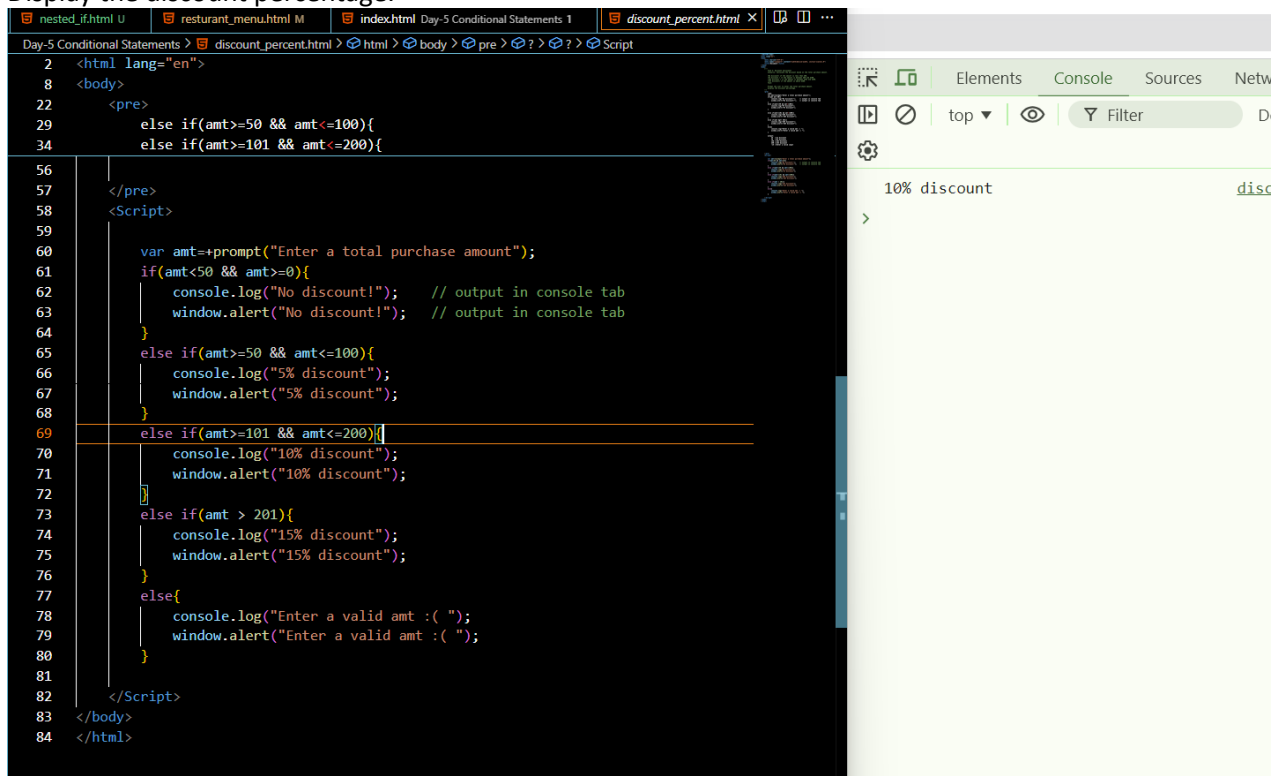
"10% discount" if the amount is between \$101 and \$200.

"15% discount" if the amount is above \$200.

#### Task:

Prompt the user to enter the total purchase amount.

Display the discount percentage.



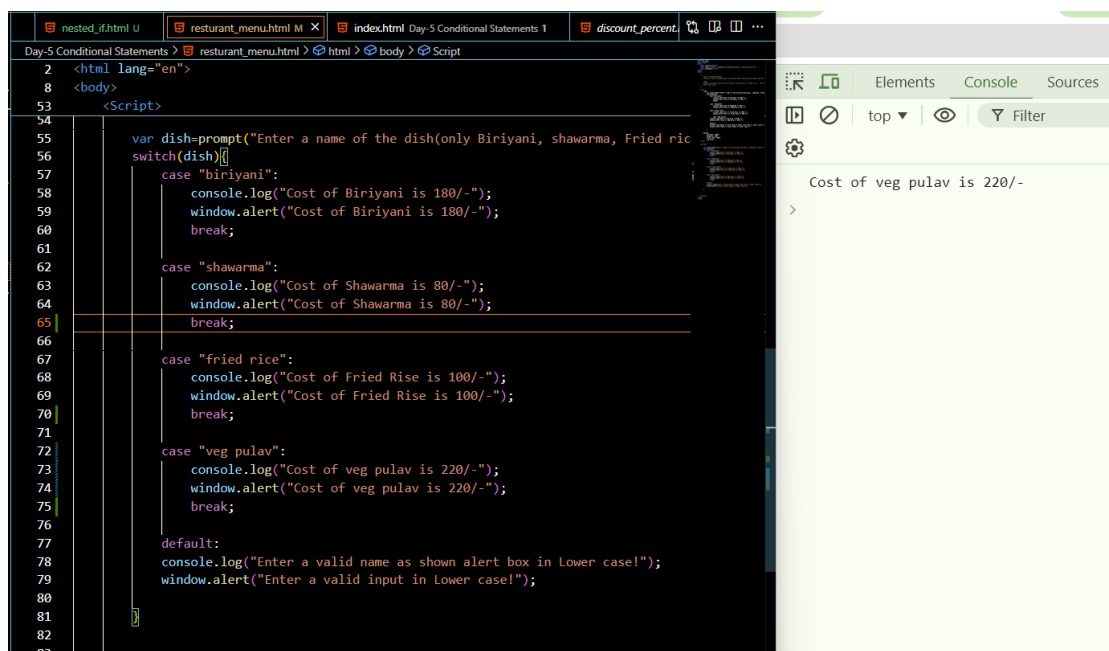
## Task 4: Restaurant Menu

Scenario: You are developing a restaurant menu system that provides the price of a dish based on the dish name.

### Task:

Assume a variable `dish` holds the name of the dish as a string (e.g., "Biryani", "shawarma", "Fried rice", "veg pula").

Print the price.



```
2 <html lang="en">
8 <body>
53 <Script>
54
55 var dish=prompt("Enter a name of the dish(only Biryani, shawarma, Fried ric
56 switch(dish){
57   case "biryani":
58     console.log("Cost of Biryani is 180/-");
59     window.alert("Cost of Biryani is 180/-");
60     break;
61
62   case "shawarma":
63     console.log("Cost of Shawarma is 80/-");
64     window.alert("Cost of Shawarma is 80/-");
65     break;
66
67   case "fried rice":
68     console.log("Cost of Fried Rise is 100/-");
69     window.alert("Cost of Fried Rise is 100/-");
70     break;
71
72   case "veg pulav":
73     console.log("Cost of veg pulav is 220/-");
74     window.alert("Cost of veg pulav is 220/-");
75     break;
76
77   default:
78     console.log("Enter a valid name as shown alert box in Lower case!");
79     window.alert("Enter a valid input in Lower case!");
80
81
82
83
```

Cost of veg pulav is 220/-

## Task 5: Simple Calculator

Scenario: You are developing a simple calculator that performs basic arithmetic operations.

### Task:

Assume variables `num1` and `num2` hold two numbers, and `operator` holds the arithmetic operator as a string (e.g., "+").

Use a switch case statement to perform the operation and store the result in a variable `result`.

Print the result.

simple\_calculator.html M ×if\_block.html Uif\_else.html Unested\_if.html Urestaurant\_menu.html

Day-5 Conditional Statements > simple\_calculator.html > html > body > Script

```
2 <html lang="en">
8 <body>
79 <Script>
81     var a=prompt("Enter First Number");
82     var b=prompt("Enter Seconde Number");
83     var op=prompt("Enter operation in b/w (+, -, /, %, *, **");
84     console.log(a);
85     console.log(b);
86     console.log(op);
87     switch(op){
88         case "+":
89             var c=a+b;
90             console.log(c);
91             window.alert(c);
92             break;
93
94         case "-":
95             var c=a-b;
96             console.log(c);
97             window.alert(c);
98             break;
99
100        case "*":
101            var c=a*b;
102            console.log(c);
103            window.alert(c);
104            break;
105
106        case "/":
107            var c=a/b;
108            console.log(c);
109            window.alert(c);
110            break;
111
112        case "%":
113            var c=a%b;
114            console.log(c);
115            window.alert(c);
116            break;
```

Elements Console Sources Network >>

top top Filter Default levels

12 simple\_calculator

15 simple\_calculator

- simple\_calculator

-3 simple\_calculator

>

Console What's new