Module 8) JavaScript
Control Flow (If-Else, Switch)

Question 1: What is Control Flow in JavaScript?

Control flow determines the order in which code is executed in a program. It allows decisions to be made based on conditions.

- **if** checks if a condition is true; if true, it executes a block of code.
- **else** executes a different block if the condition is false.

Example:
javascript
```javascript
let age = 18;
if (age >= 18) {
    document.write("You are an adult.");
} else {
   document.write("You are a minor.");
}
```

- **Output**: "You are an adult."

Question 2: How Switch Statements Work in JavaScript?

A **switch** statement evaluates a value and executes the matching case. If no match is found, the **default** block runs.

When to Use a Switch Statement:

- Use **switch** when you have multiple specific conditions to check for the same variable, as it is cleaner and more readable than multiple **if-else** statements.

Example:
javascript

```javascript
let day = "Monday";
switch (day) {
    case "Monday":
        document.write("Start of the workweek.");
         break;
    case "Friday":
        document.write("Almost weekend!");
        break;
    default:
        document.write("Just another day.");
}
```

- **Output**: "Start of the workweek.