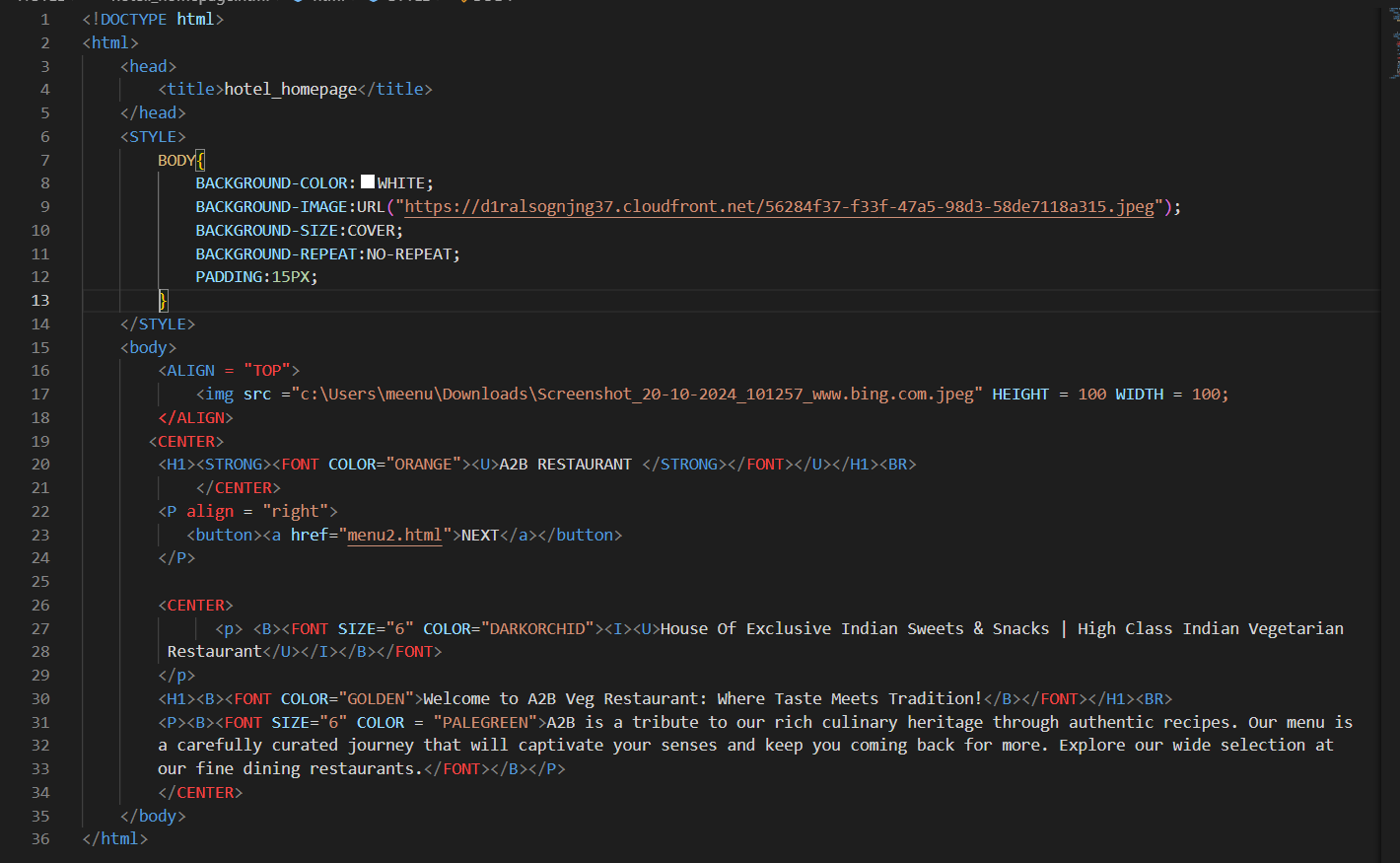
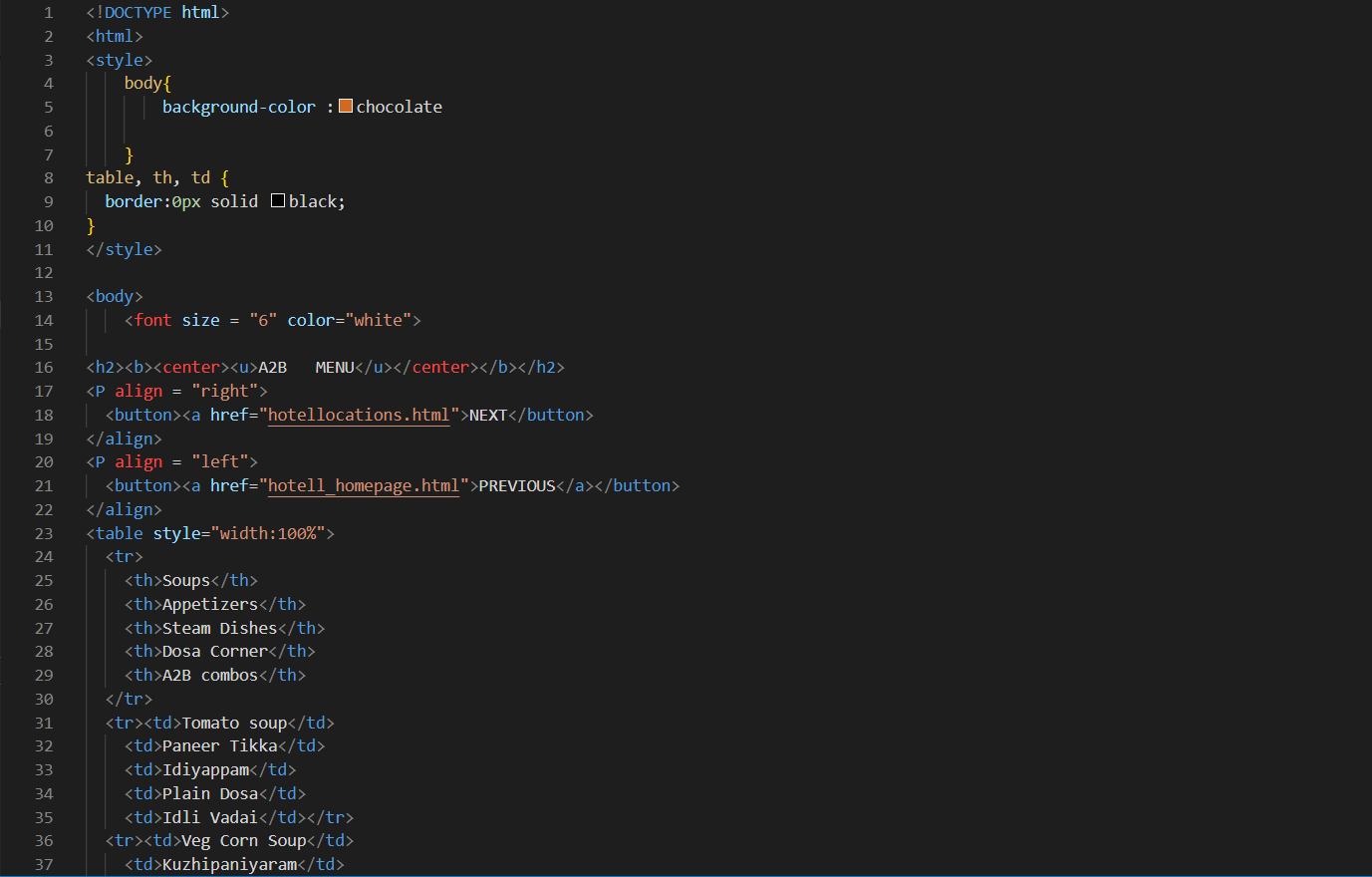
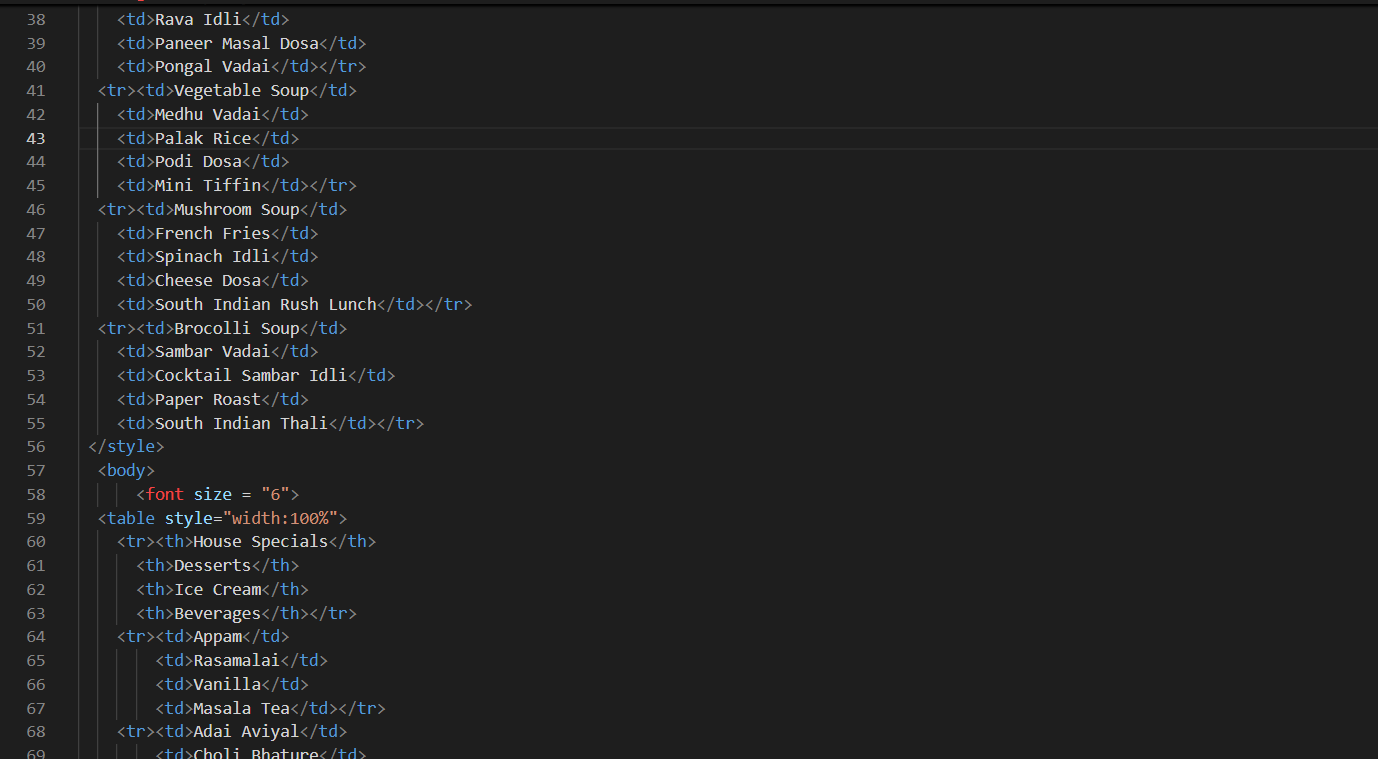
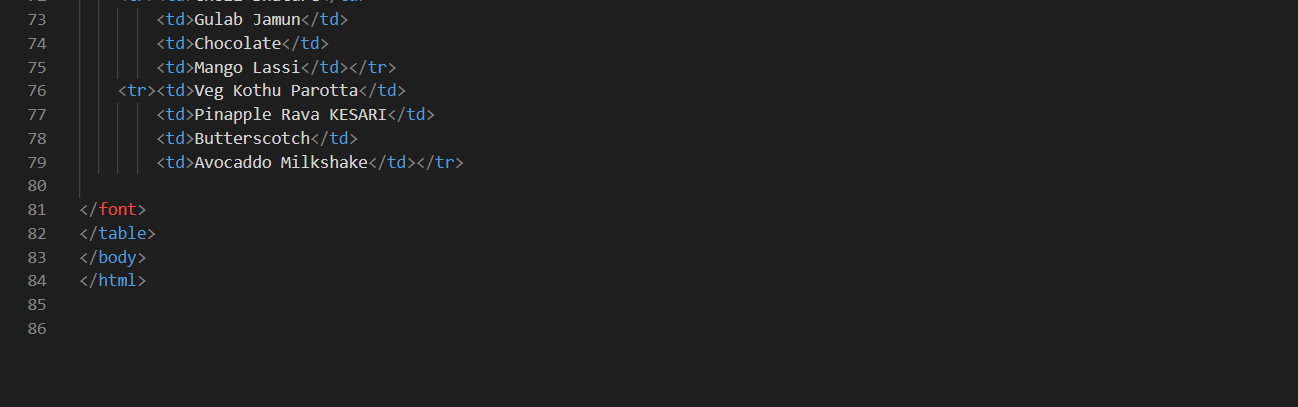
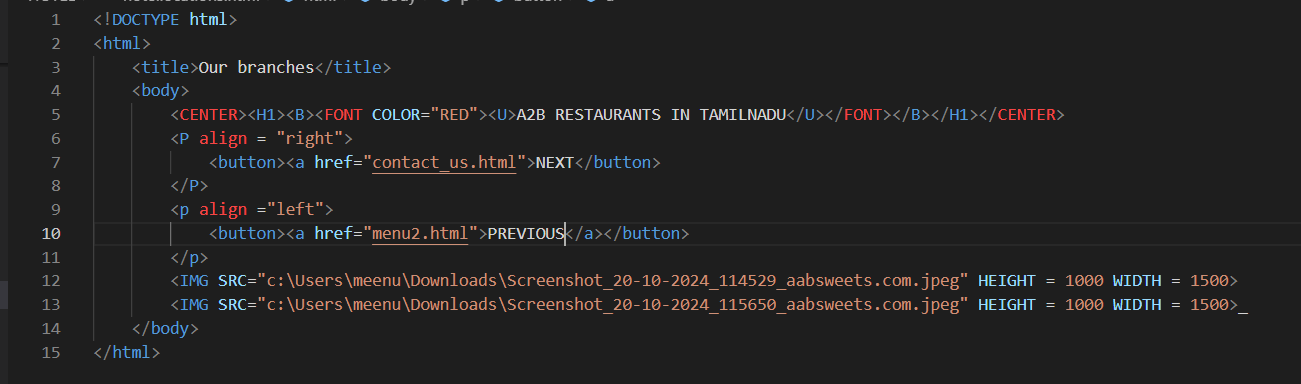
**Coding:**

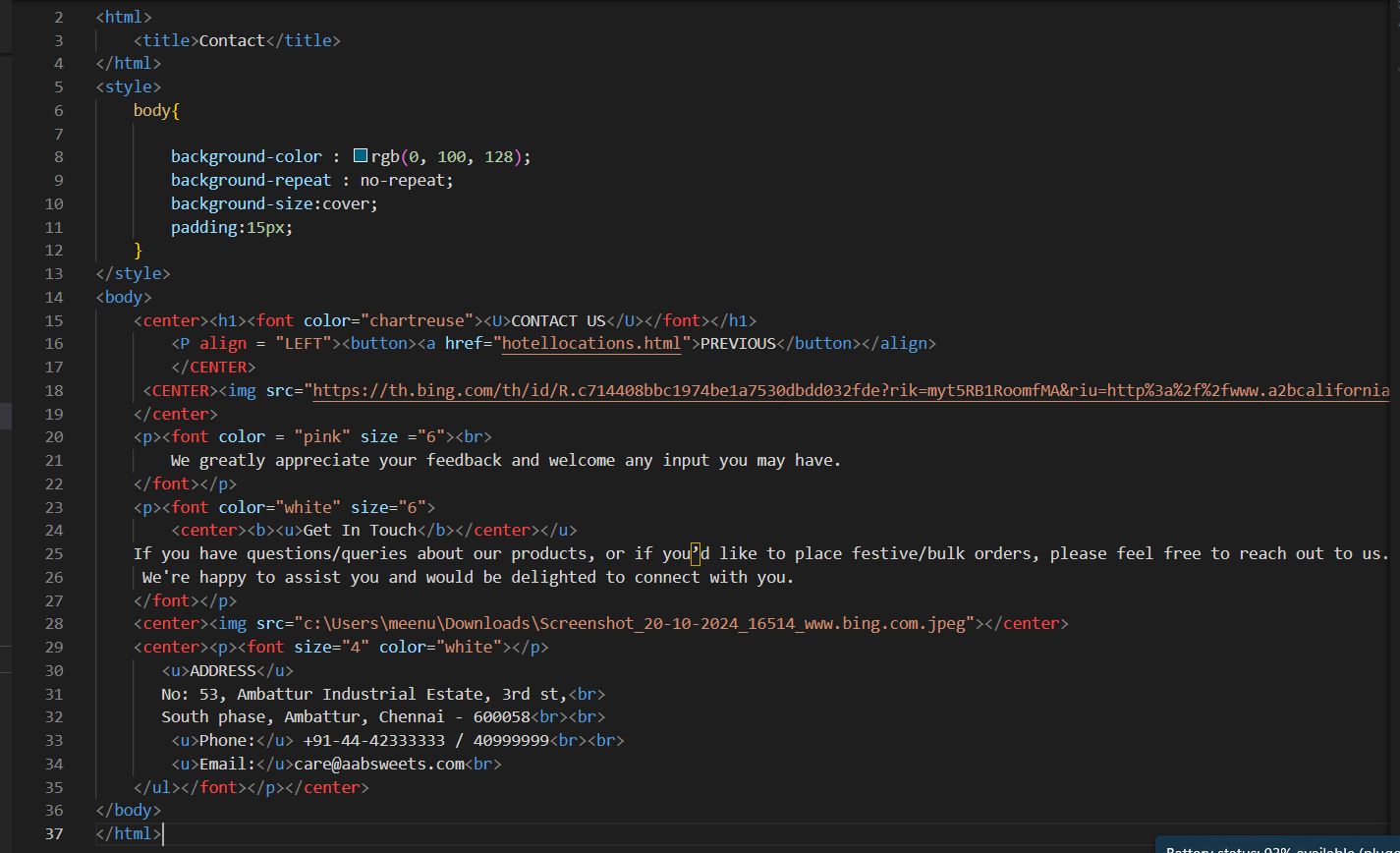












**Output:**

