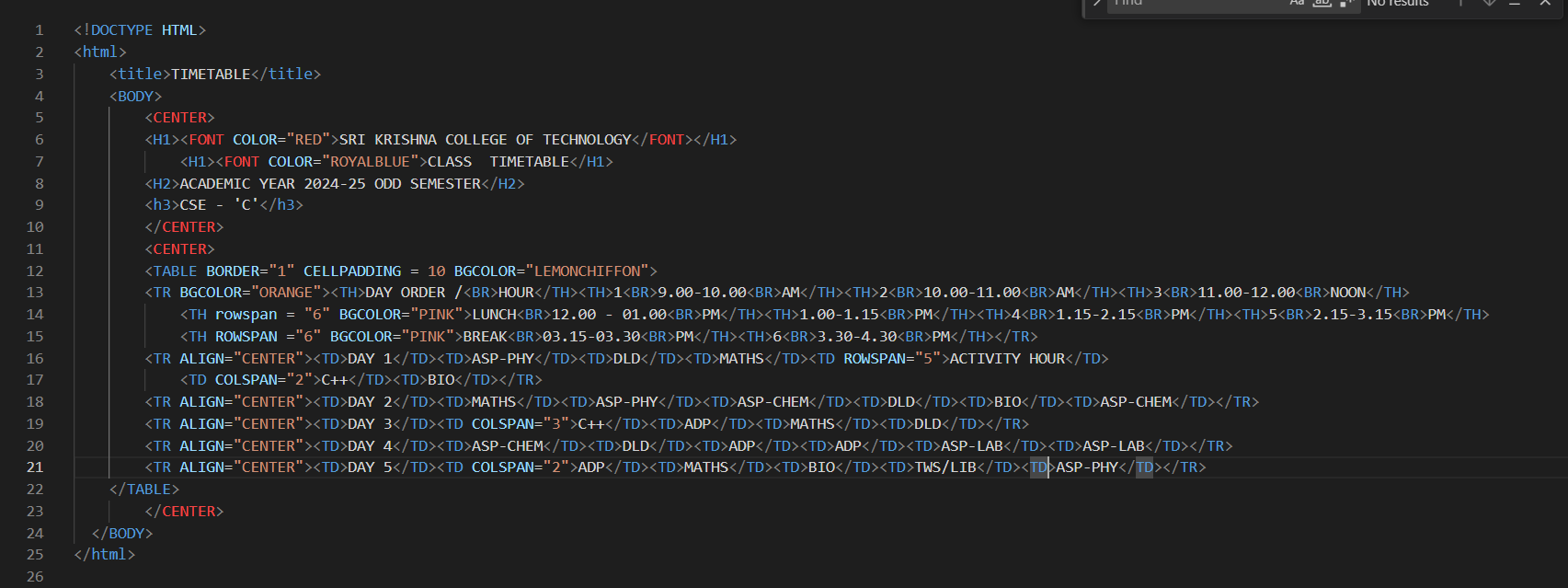
**Coding:**



**Output:**

