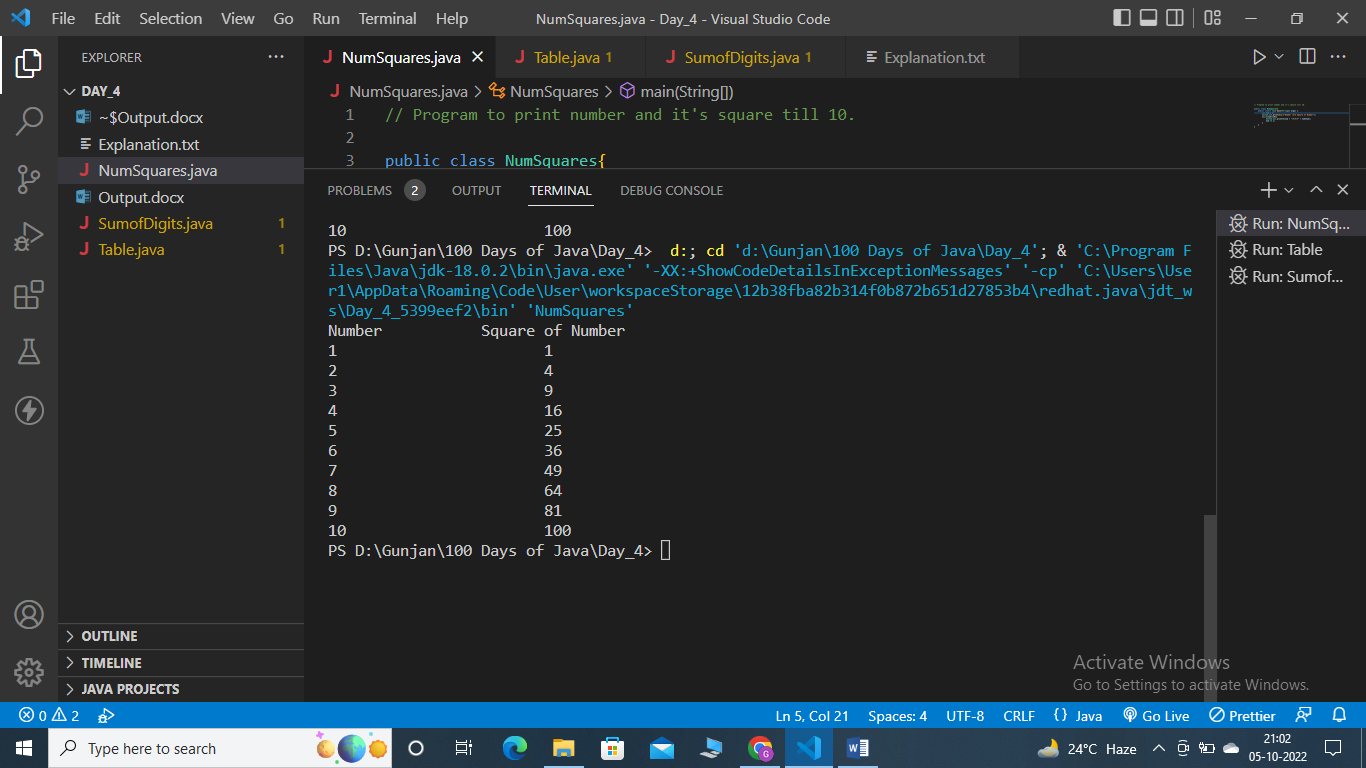
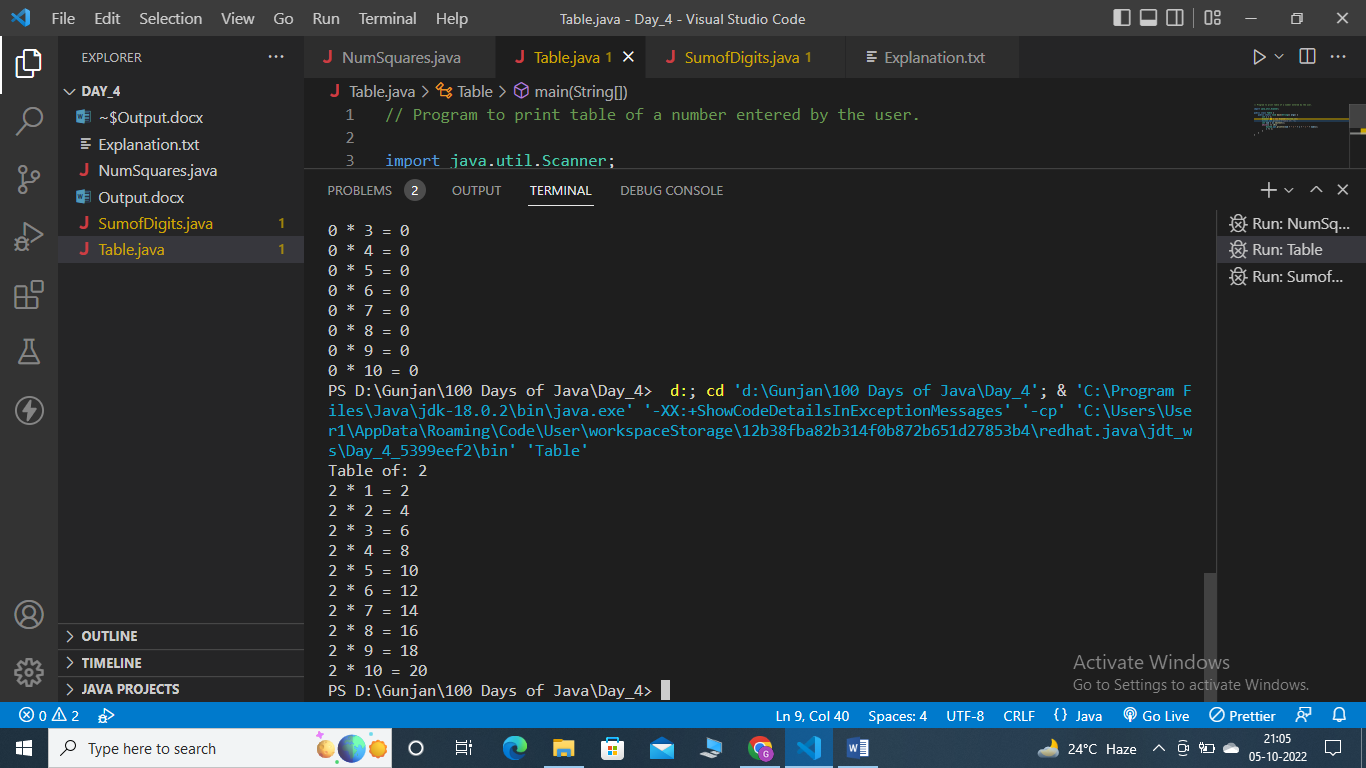
**OUTPUT**

**TASK 1:**

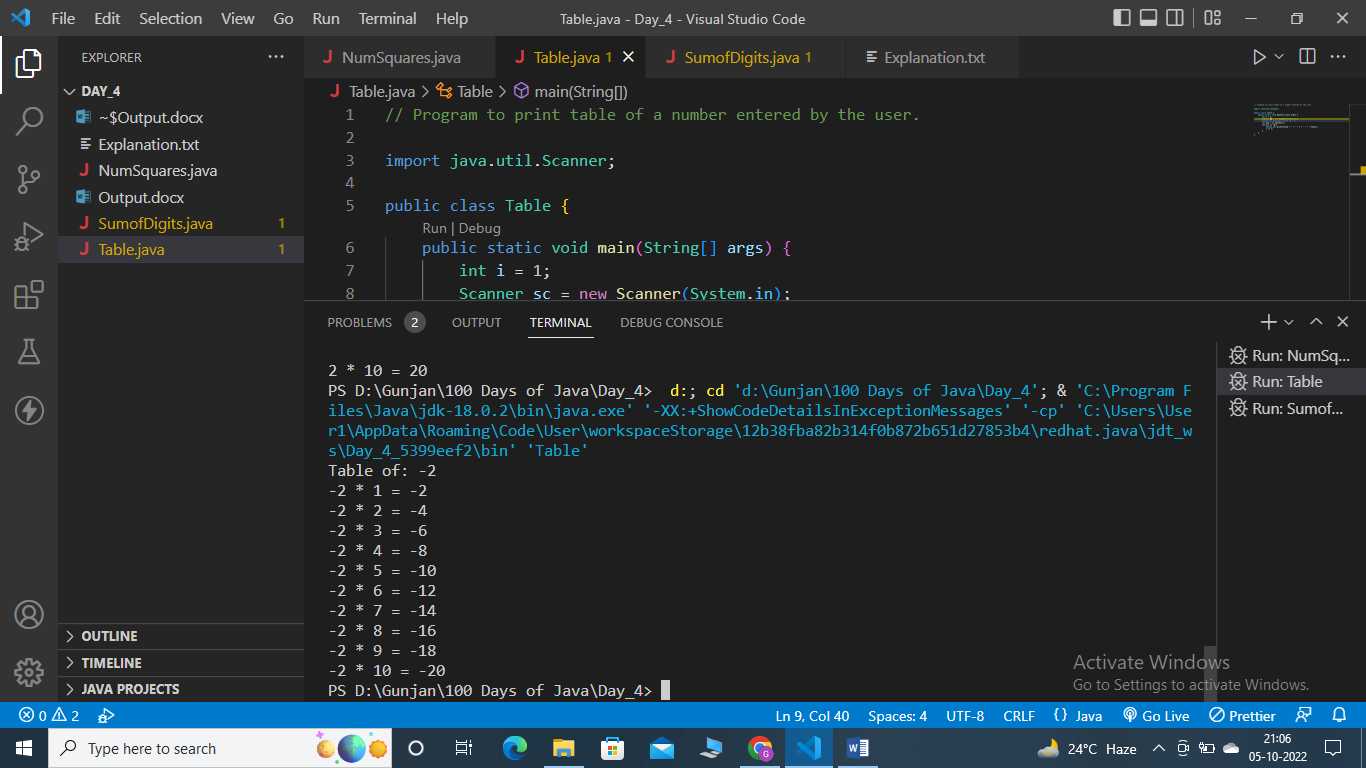


**TASK 2:**

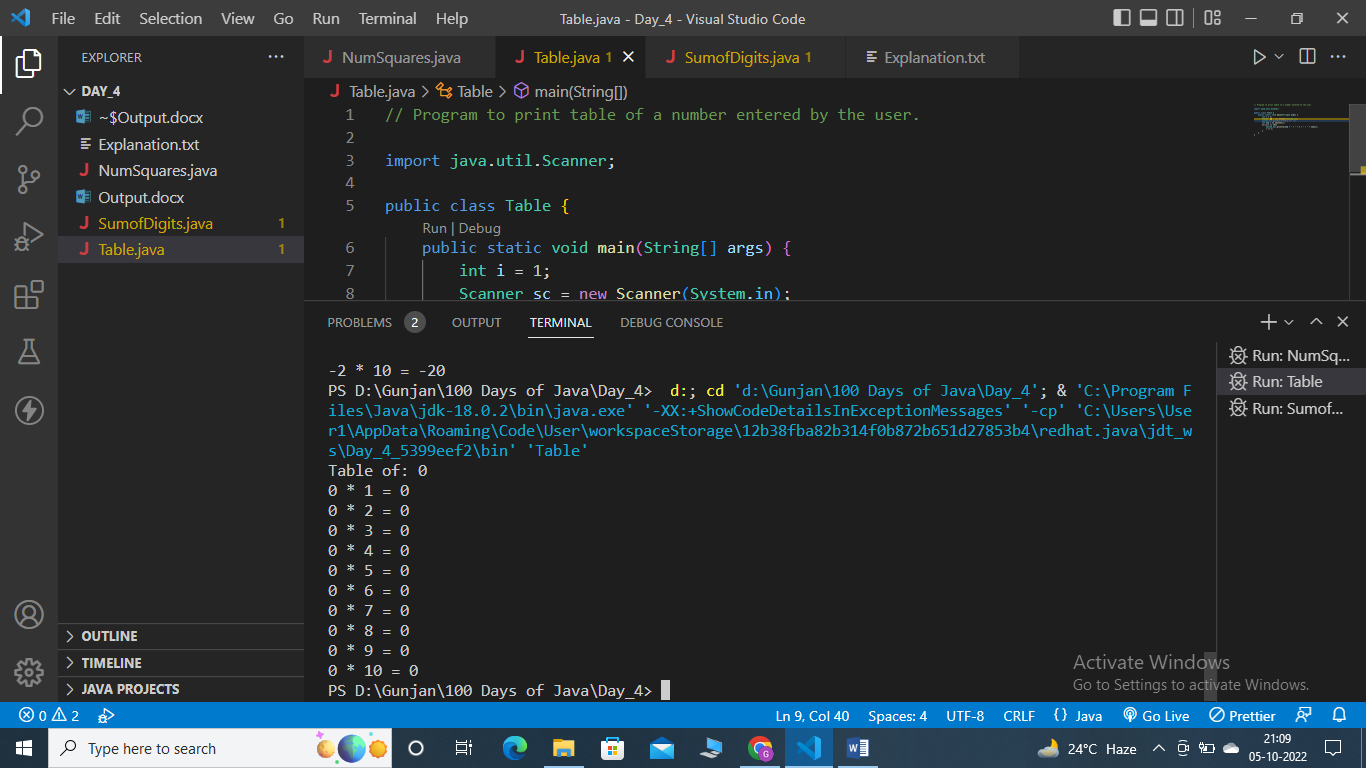
Case 1: num = 2



Case 2: num = -2

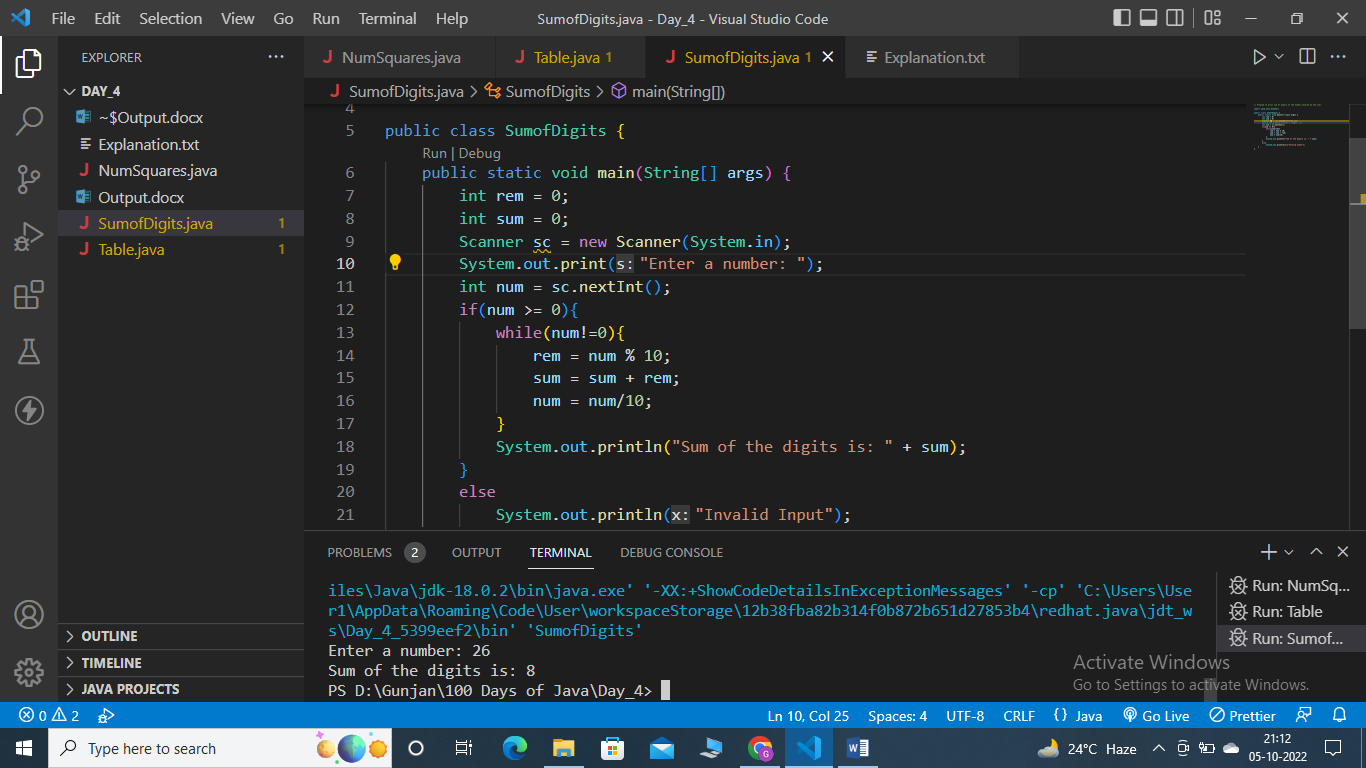


Case 3: num = 0



**TASK 3:**

Case 1: num = 26



Case 2: num = -26

