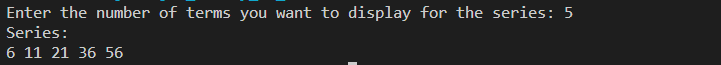
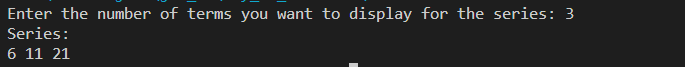
**OUTPUT**

Case 1: 

Case 2: 

Case 3: 

Case 4: 