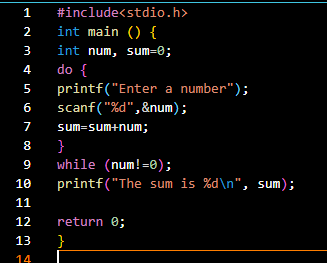
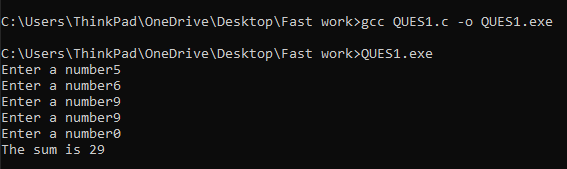
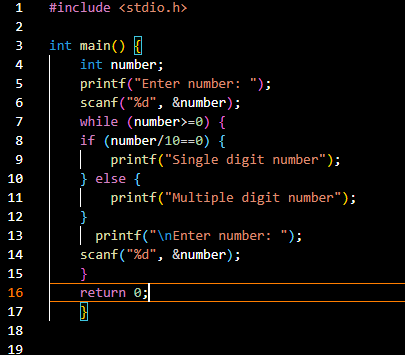
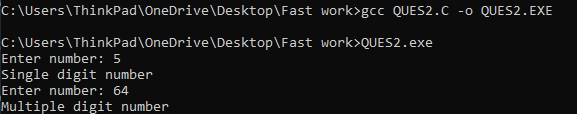
**Q1**

Code: 

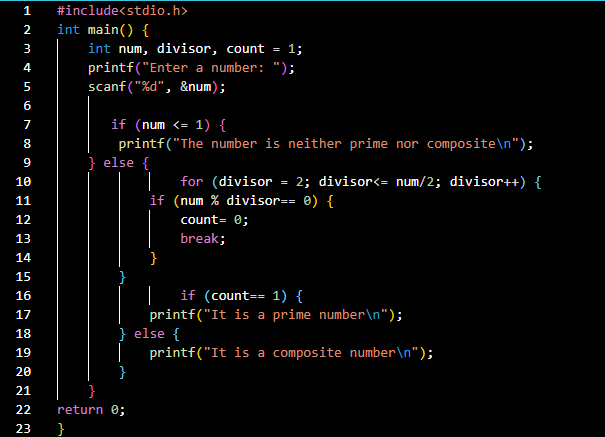
Output: 

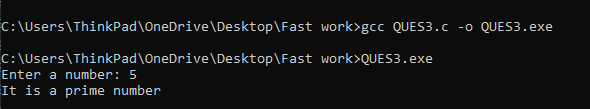
**Q2**

Code: 

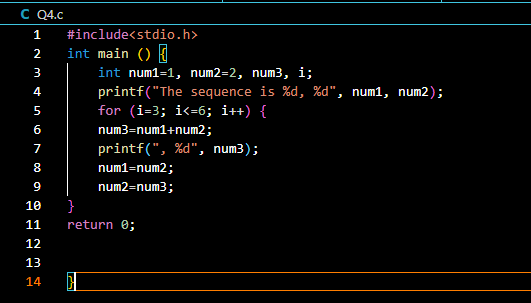
Output: 

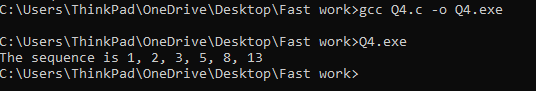
**Q3**

Code: 

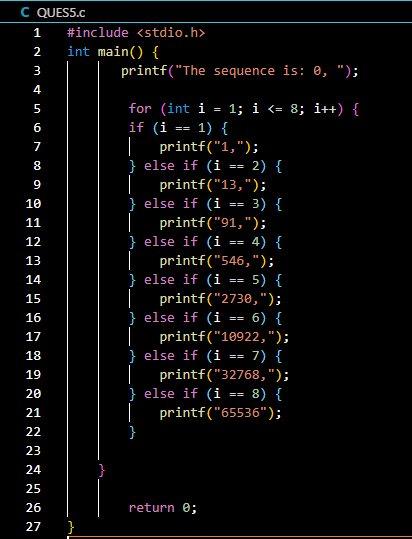
Output: 

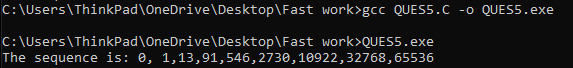
**Q4:**

Code: 

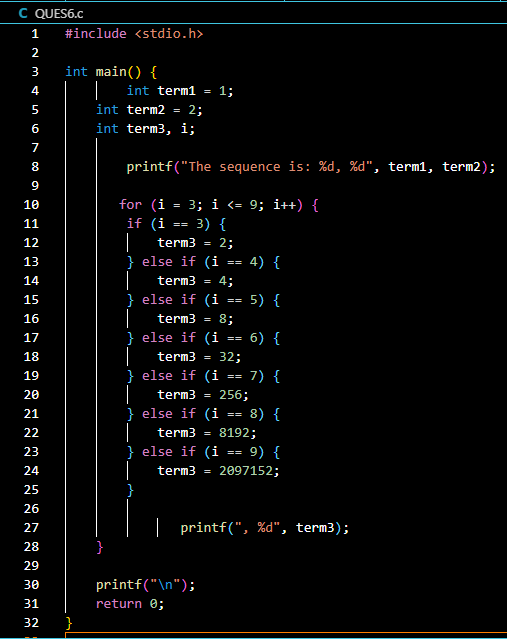
Output: 

**Q5**

Code: 

Output: 

**Q6**

Code: 

Output: 