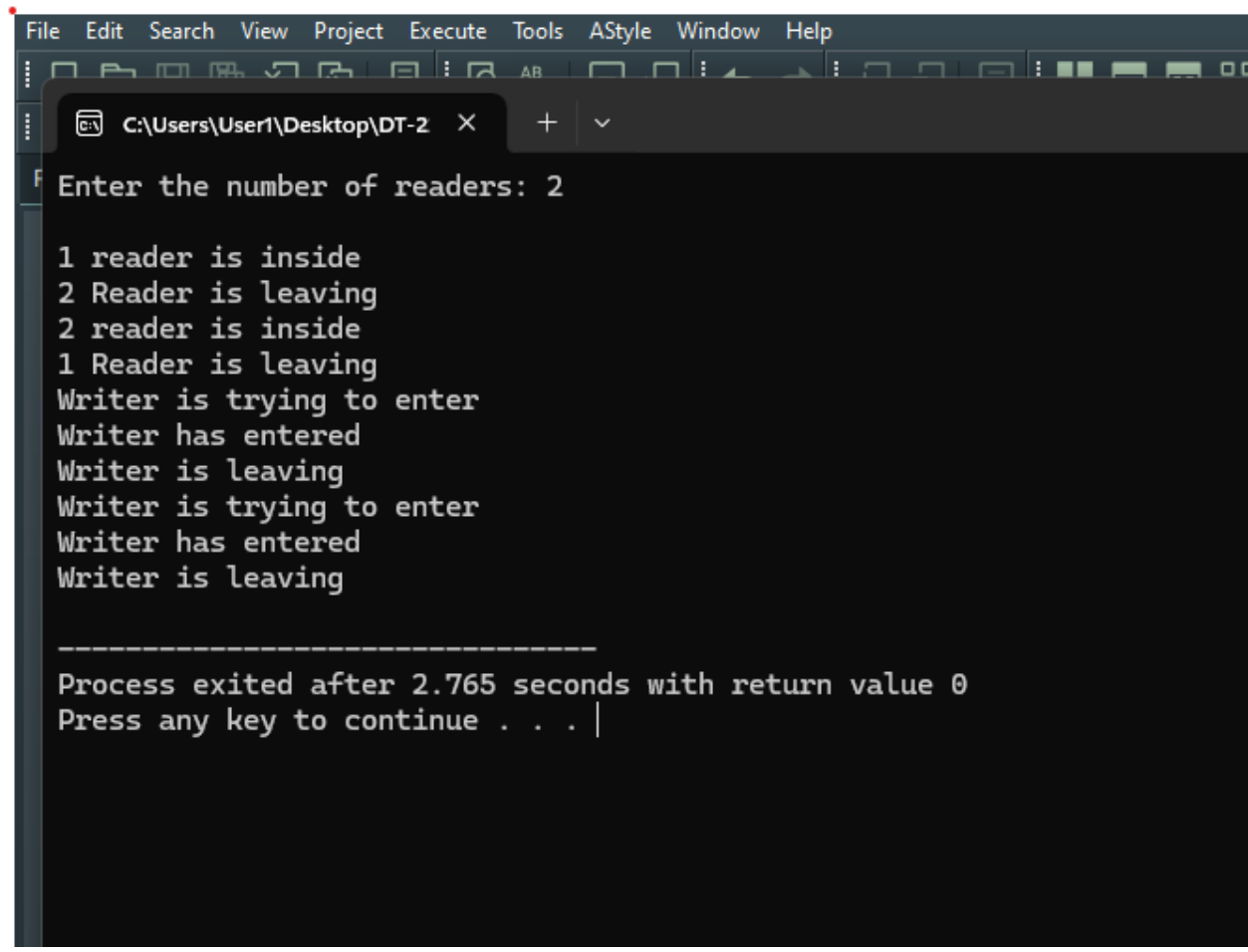


Question # 01:



The screenshot shows a C++ IDE window titled "C:\Users\User1\Desktop\DT-2" with a menu bar (File, Edit, Search, View, Project, Execute, Tools, AStyle, Window, Help) and a toolbar. The output console displays the following text:

```
Enter the number of readers: 2  
  
1 reader is inside  
2 Reader is leaving  
2 reader is inside  
1 Reader is leaving  
Writer is trying to enter  
Writer has entered  
Writer is leaving  
Writer is trying to enter  
Writer has entered  
Writer is leaving  
  
-----  
Process exited after 2.765 seconds with return value 0  
Press any key to continue . . . |
```