17000777

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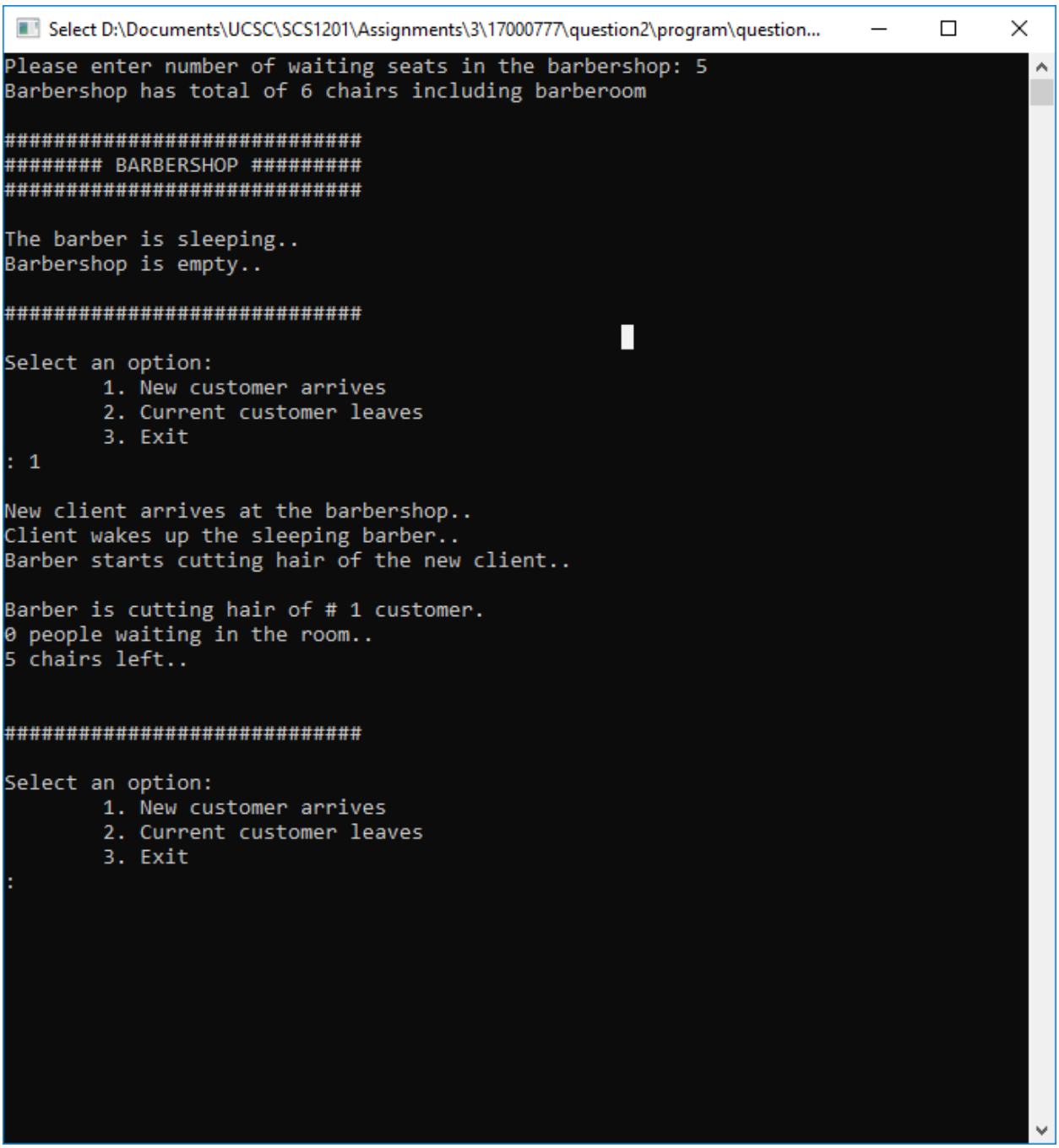
Test results

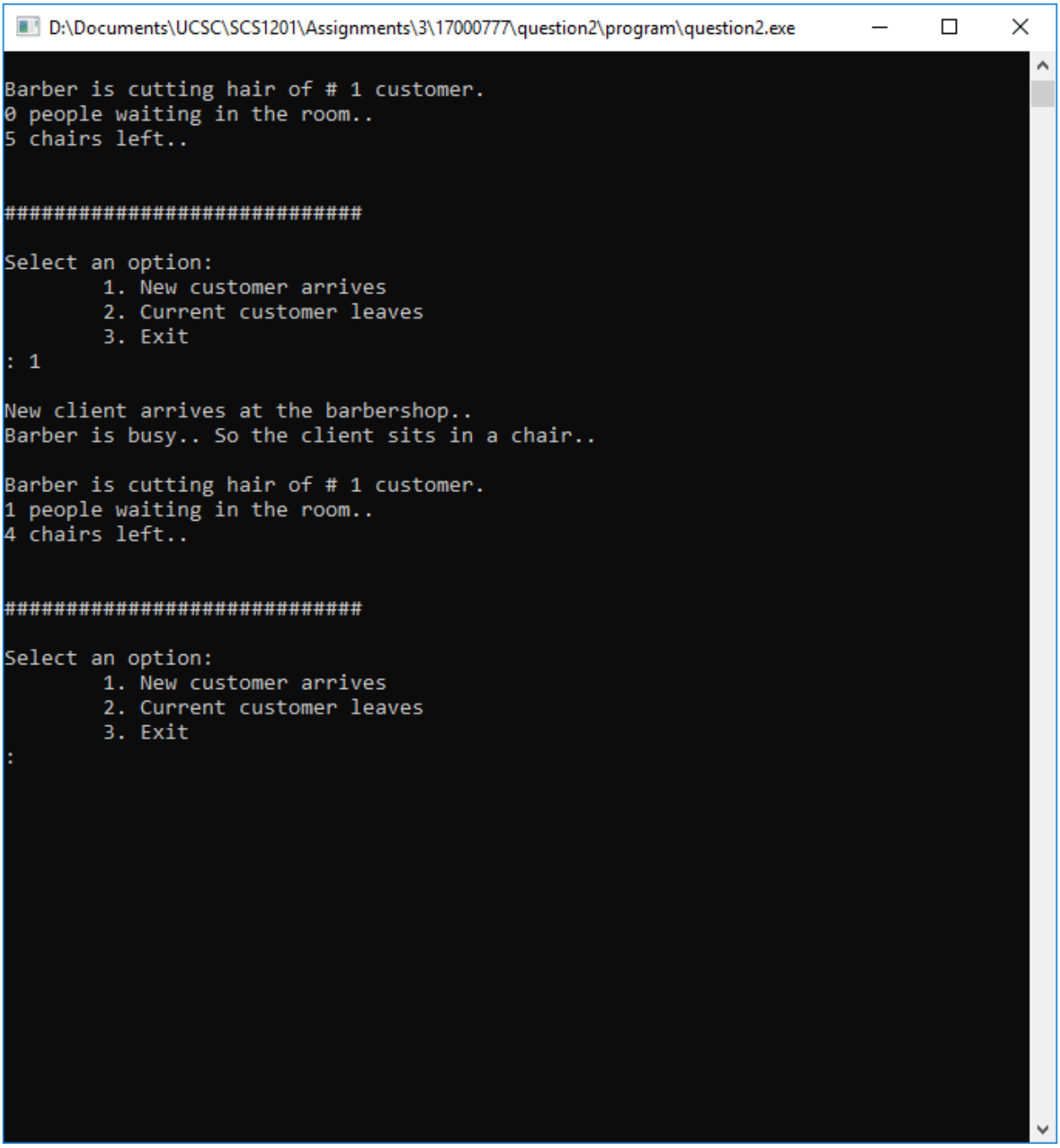
Test Case ID	Test Scenario	Test Steps	Test Data	Expected Results	Actual Results	Pass/Fail
1	Client comes for a haircut while the barber is sleeping	Empty the queue, Enter command 1	Option = 1	Barber is sleeping, wake up barber and gets a haircut.	As expected	Pass
2	Client comes, barber is busy and chairs in waiting room are available	Add few to waiting queue, Enter command 1	Option = 1	Barber is busy, client went to waiting queue.	As expected	Pass
3	Client comes, barber is busy and no chairs available in waiting room	Full the waiting queue, Enter command 1	Option = 1	Barber is busy and waiting list full, client leaves.	As expected	Pass
4	Barber finish haircut and there are clients in waiting room	Add few to waiting queue, Enter command 2	Option = 2	Current client got a haircut, barber checks the waiting room, next customer goes to barber room and start getting a haircut.	As expected	Pass
5	Barber finish haircut and there are no clients in waiting room	Empty the waiting queue, Enter command 2	Option = 2	Current client got a haircut, no clients in waiting room. Barber sleeps.	As expected	Pass

Screenshots

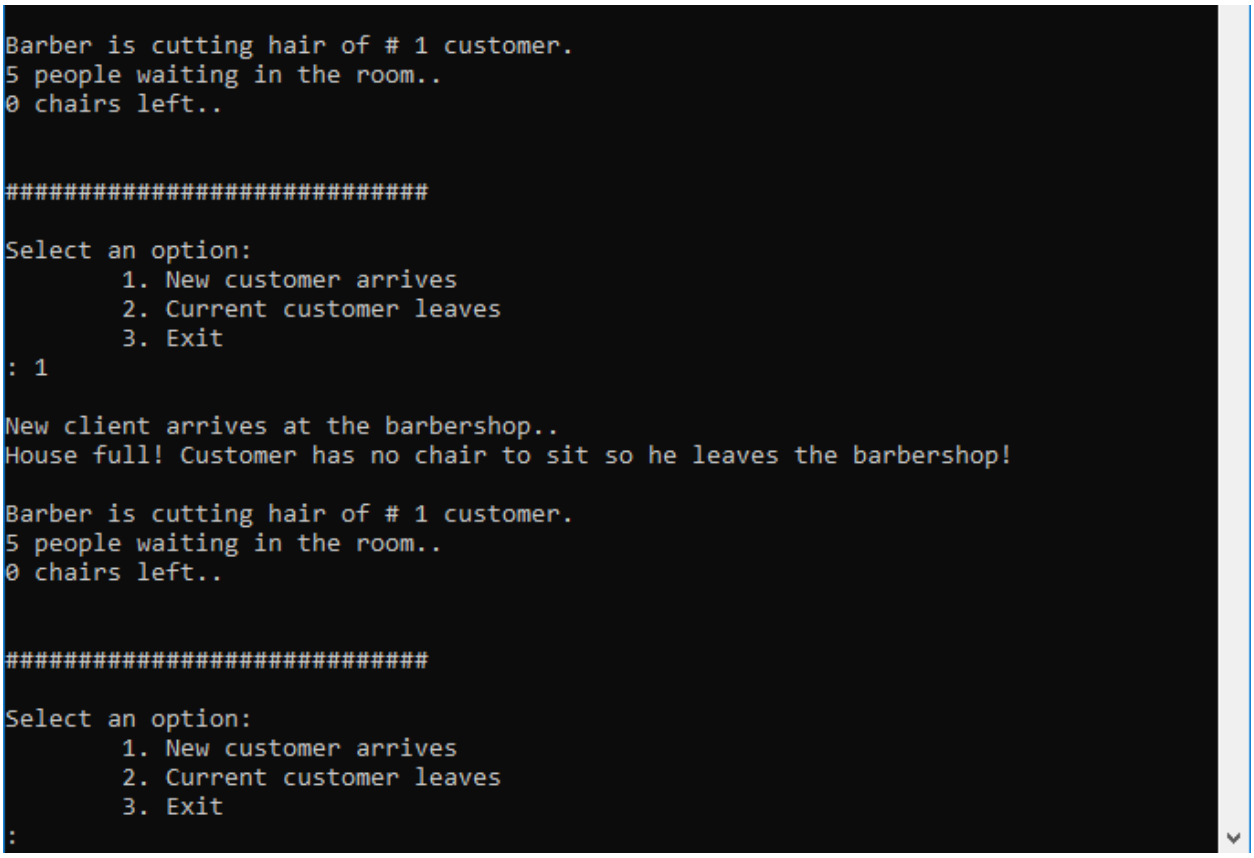
Test 1



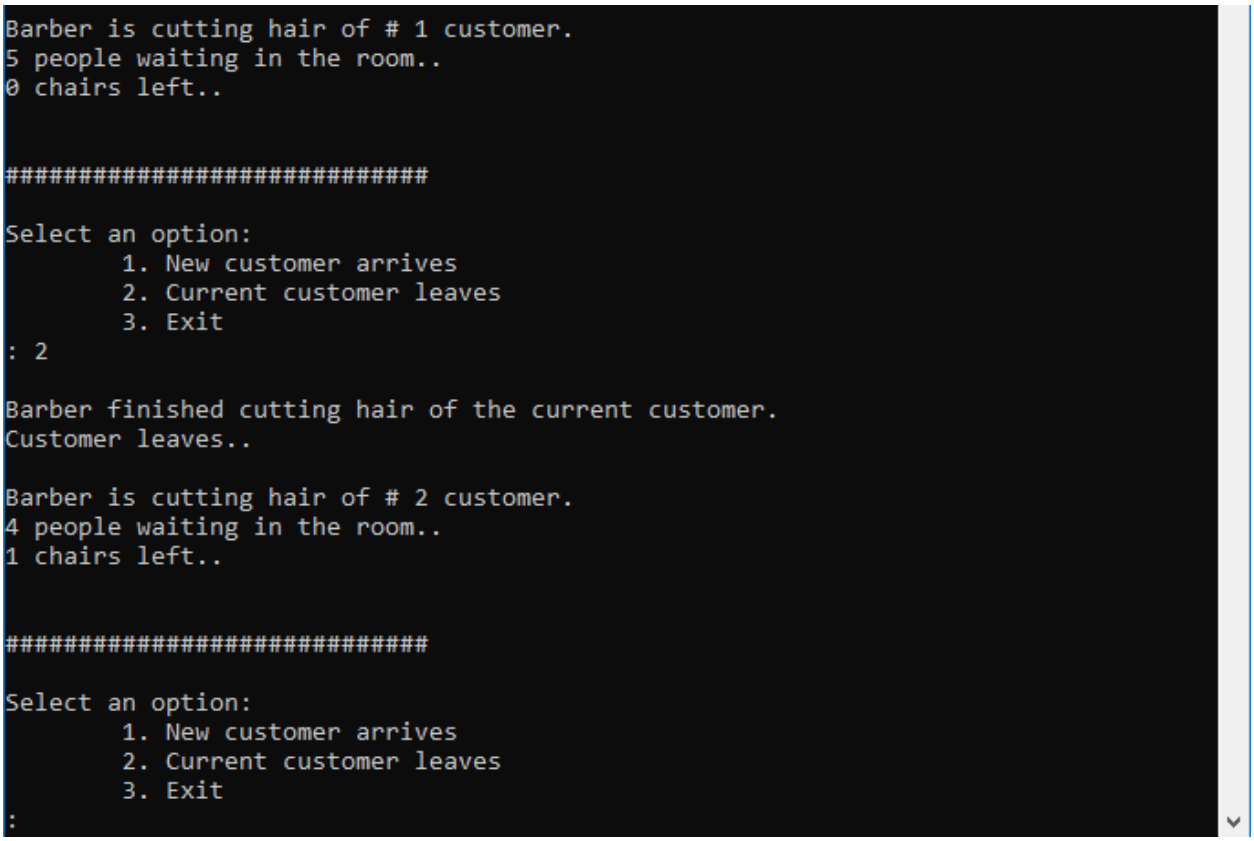
Test 2


D:\Documents\UCSC\SCS1201\Assignments\3\17000777\question2\program\question2.exe
Barber is cutting hair of # 1 customer.
0 people waiting in the room..
5 chairs left..
############################
Select an option:
1. New customer arrives
2. Current customer leaves
3. Exit
: 1
New client arrives at the barbershop..
Barber is busy.. So the client sits in a chair..
Barber is cutting hair of # 1 customer.
1 people waiting in the room..
4 chairs left..
############################
Select an option:
1. New customer arrives
2. Current customer leaves
3. Exit
:

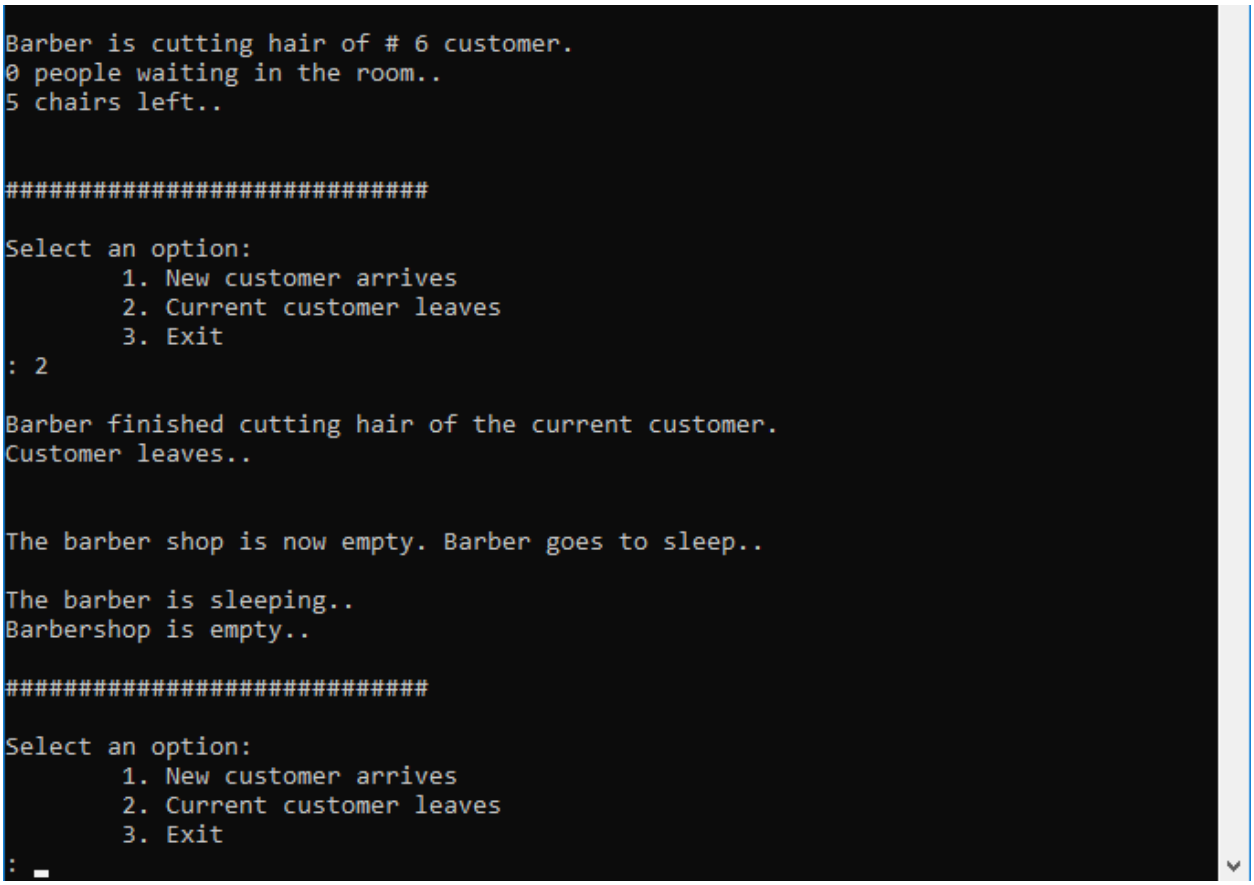
Test 3


Barber is cutting hair of # 1 customer.
5 people waiting in the room..
0 chairs left..
##############################
Select an option:
1. New customer arrives
2. Current customer leaves
3. Exit
: 1
New client arrives at the barbershop..
House full! Customer has no chair to sit so he leaves the barbershop!
Barber is cutting hair of # 1 customer.
5 people waiting in the room..
0 chairs left..
##############################
Select an option:
1. New customer arrives
2. Current customer leaves
3. Exit
:

Test 4


Barber is cutting hair of # 1 customer.
5 people waiting in the room..
0 chairs left..
##############################
Select an option:
1. New customer arrives
2. Current customer leaves
3. Exit
: 2
Barber finished cutting hair of the current customer.
Customer leaves..
Barber is cutting hair of # 2 customer.
4 people waiting in the room..
1 chairs left..
##############################
Select an option:
1. New customer arrives
2. Current customer leaves
3. Exit
:

Test 5


Barber is cutting hair of # 6 customer.
0 people waiting in the room..
5 chairs left..
##############################
Select an option:
1. New customer arrives
2. Current customer leaves
3. Exit
: 2
Barber finished cutting hair of the current customer.
Customer leaves..
The barber shop is now empty. Barber goes to sleep..
The barber is sleeping..
Barbershop is empty..
##############################
Select an option:
1. New customer arrives
2. Current customer leaves
3. Exit
: