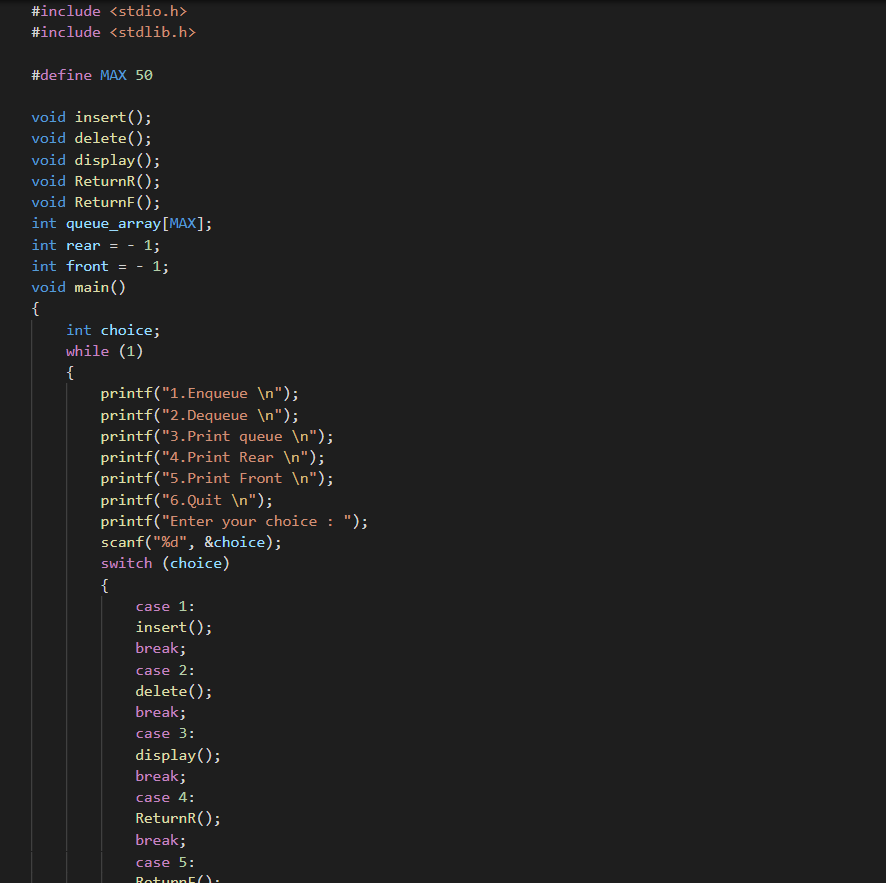
**Agnim Gupta**

**2028083**

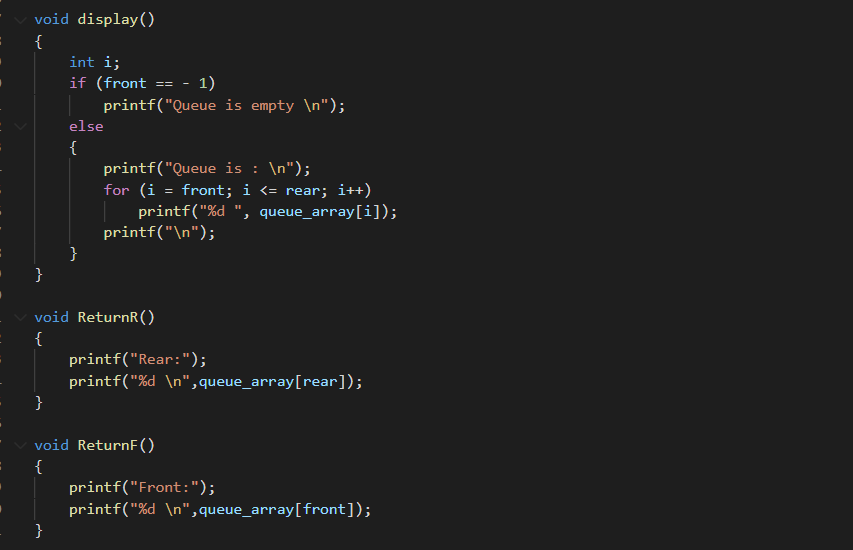
**A23**

**CSSE**

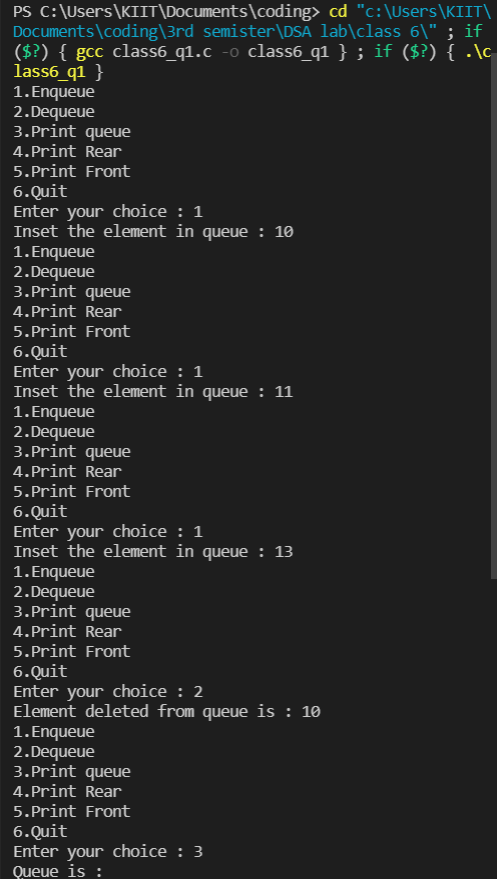
**Question 1**

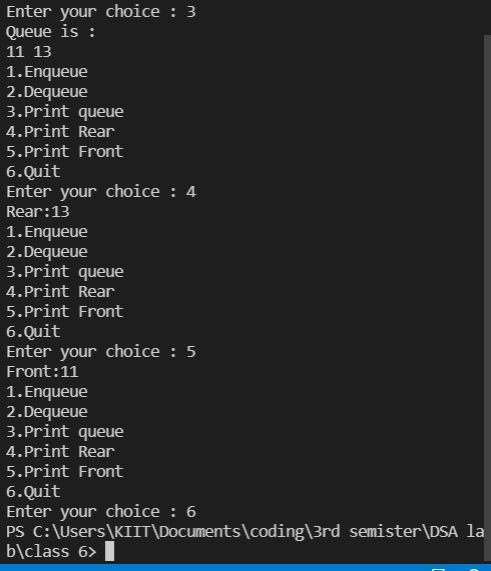






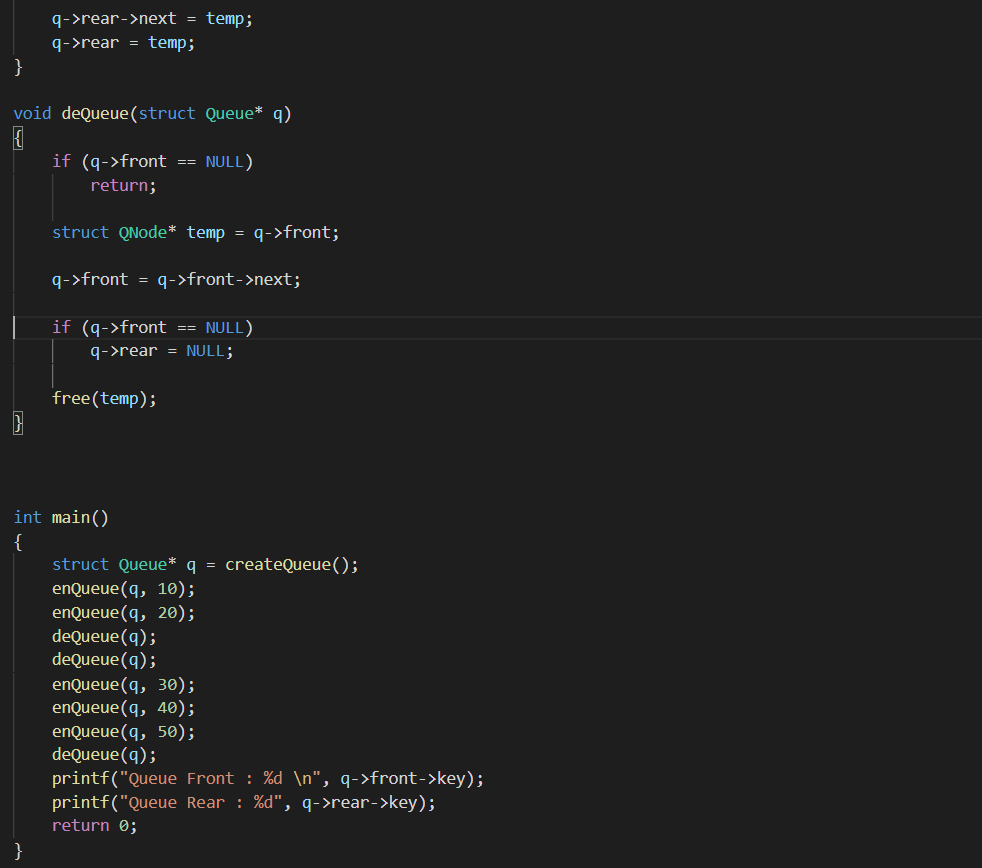
**Output**



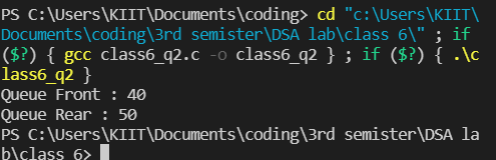


**Question 2**





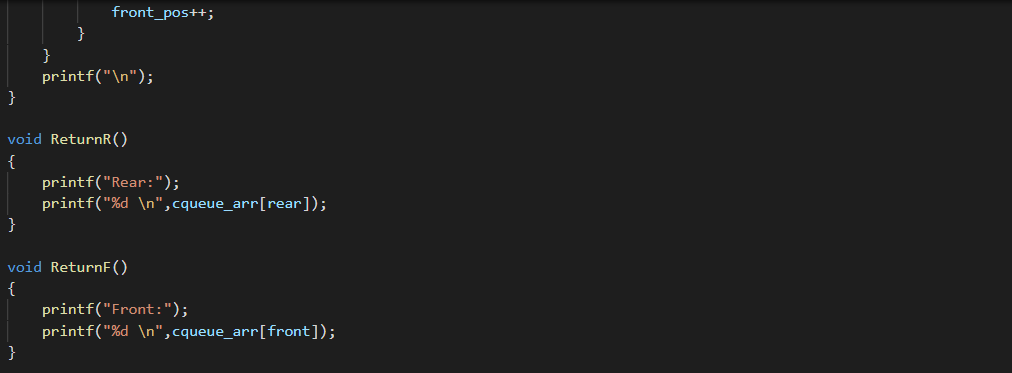
**Output**

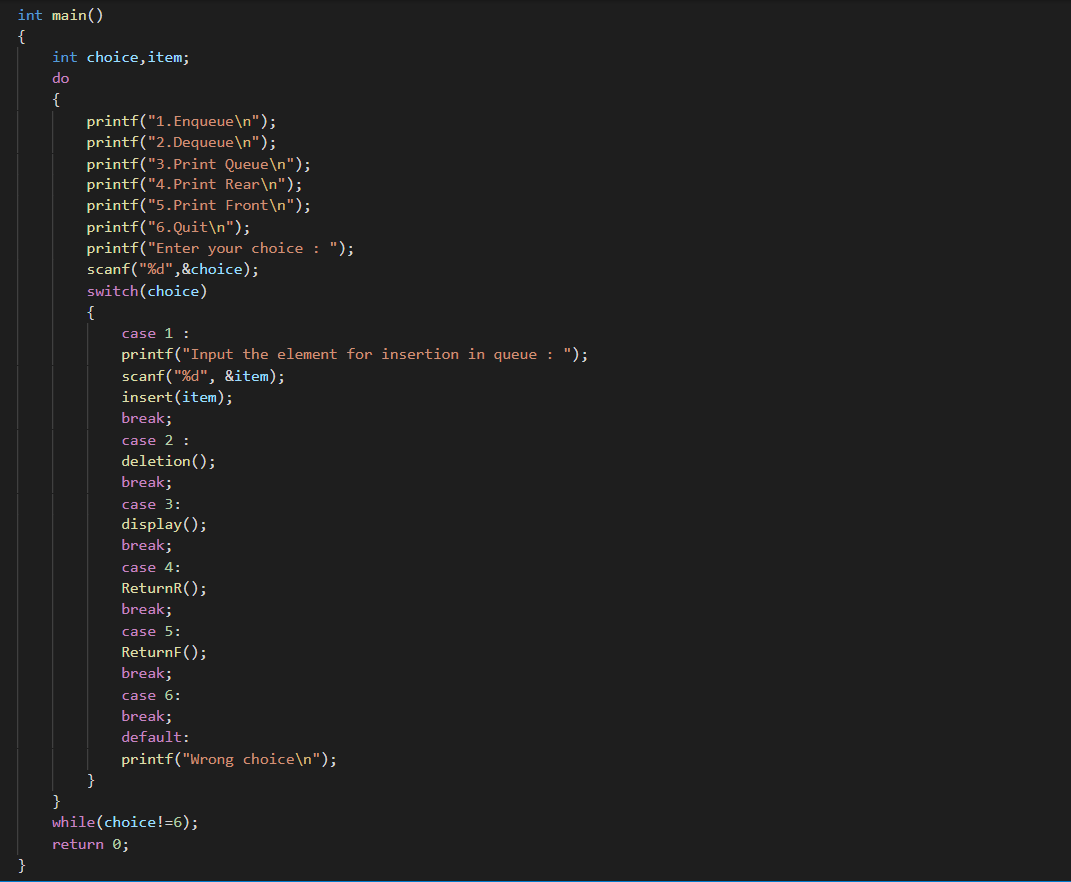


**Question 3**









**Output**

