```
===== Menu =====
1. Input data and Enqueue
2. Dequeue and Print data
3. Print Queue
4. Exit
Select number:1
Input the data: 20
Queue(front = 0 rear = 1):   20

===== Menu =====
1. Input data and Enqueue
2. Dequeue and Print data
3. Print Queue
4. Exit
Select number:2
Dequeue: 20
Queue(front = 1 rear = 1):
Queue is empty.

===== Menu =====
1. Input data and Enqueue
2. Dequeue and Print data
3. Print Queue
4. Exit
Select number:1
Input the data: 30
Queue(front = 1 rear = 2):   30

===== Menu =====
1. Input data and Enqueue
2. Dequeue and Print data
3. Print Queue
4. Exit
Select number:2
Dequeue: 30
Queue(front = 2 rear = 2):
Queue is empty.

===== Menu =====
1. Input data and Enqueue
2. Dequeue and Print data
3. Print Queue
4. Exit
Select number:1
Input the data: 40
Queue(front = 2 rear = 3):   40

===== Menu =====
1. Input data and Enqueue
2. Dequeue and Print data
3. Print Queue
4. Exit
Select number:2
Dequeue: 40
Queue(front = 3 rear = 3):
Queue is empty.
```

원형 큐 과정

5645350 성호준

숫자를 입력받아 원형 큐에 삽입 후

원형 큐 하나를 꺼냄

위 행동을 3회 반복

```
===== Menu =====
1. Input data and Enqueue
2. Dequeue and Print data
3. Print Queue
4. Exit
Select number:1
Input the data: 20
Queue(front = 3 rear = 4):   20

===== Menu =====
1. Input data and Enqueue
2. Dequeue and Print data
3. Print Queue
4. Exit
Select number:1
Input the data: 30
Queue(front = 3 rear = 0):   20 30

===== Menu =====
1. Input data and Enqueue
2. Dequeue and Print data
3. Print Queue
4. Exit
Select number:1
Input the data: 40
Queue(front = 3 rear = 1):   20 30 40

===== Menu =====
1. Input data and Enqueue
2. Dequeue and Print data
3. Print Queue
4. Exit
Select number:1
Input the data: 50
Queue(front = 3 rear = 2):   20 30 40 50
Queue is Full!
```

비어 있는 원형 큐에 숫자를
큐가 가득찰 때 까지 입력

큐가 가득찼다면
Queue is Full! 출력됨.

```
===== Menu =====
1. Input data and Enqueue
2. Dequeue and Print data
3. Print Queue
4. Exit
Select number:4
Exit the program
```