

**DEWI PUTRI AYUNINGSIH**  
**A12.2019.06284**

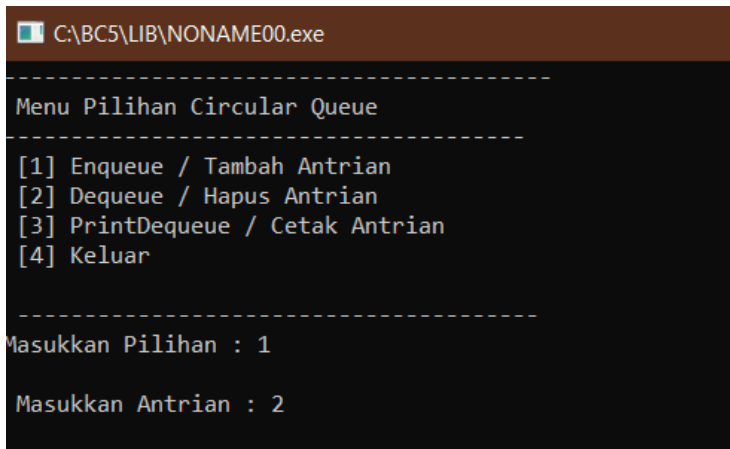
**ALOGARITMA PEMOGRAMAN / A12.6302**

**TUGAS ANTRIAN CIRCULAR**

1. Enqueue 2
2. Enqueue 8, 3, 6, dan 9
3. Dequeue
4. Enqueue 7, 5, 2 dan 4
5. Dequeue
6. Dequeue
7. Dequeue
8. Enqueue 1, 3, 6, dan 9
9. Dequeue
10. Dequeue

**Jawab :**

1. Enqueue 2 (Proses & Cetak Antrian)



```
C:\BC5\LIB\NONAME00.exe

-----
Menu Pilihan Circular Queue
-----
[1] Enqueue / Tambah Antrian
[2] Dequeue / Hapus Antrian
[3] PrintDequeue / Cetak Antrian
[4] Keluar

-----
Masukkan Pilihan : 1

Masukkan Antrian : 2
```

```
C:\BC5\LIB\NONAME00.exe

-----
Menu Pilihan Circular Queue
-----
[1] Enqueue / Tambah Antrian
[2] Dequeue / Hapus Antrian
[3] PrintDequeue / Cetak Antrian
[4] Keluar

-----
Masukkan Pilihan : 3

Kondisi Antrian :

==== | | | | | | | 2 | ====
Front = 0
Rear = 0

Enter Kembali ke Menu _
```

2. Enqueue 8, 3, 6, dan 9 (Input nilai (Pilih 1)

Cetak Antrian (Pilih 3)

```
C:\BC5\LIB\NONAME00.exe

-----
Menu Pilihan Circular Queue
-----
[1] Enqueue / Tambah Antrian
[2] Dequeue / Hapus Antrian
[3] PrintDequeue / Cetak Antrian
[4] Keluar

-----
Masukkan Pilihan : 3

Kondisi Antrian :

==== | | | | | 9 | 6 | 3 | 8 | 2 | ====
Front = 0
Rear = 4

Enter Kembali ke Menu _
```

### 3. Dequeue (hapus antrian pilih 2)

Cetak Antrian (pilih 3)

```
C:\BC5\LIB\NONAME00.exe

-----
Menu Pilihan Circular Queue
-----
[1] Enqueue / Tambah Antrian
[2] Dequeue / Hapus Antrian
[3] PrintDequeue / Cetak Antrian
[4] Keluar
-----

Masukkan Pilihan : 2

Mengambil Antrian "2"
```

```
C:\BC5\LIB\NONAME00.exe

-----
Menu Pilihan Circular Queue
-----
[1] Enqueue / Tambah Antrian
[2] Dequeue / Hapus Antrian
[3] PrintDequeue / Cetak Antrian
[4] Keluar
-----

Masukkan Pilihan : 3

Kondisi Antrian :

==== | | | | | 9 | 6 | 3 | 8 | | ====
Front = 1
Rear = 4

Enter Kembali ke Menu
```

4. Enqueue 7, 5, 2 dan 4 (Input nilai (Pilih 1))

Cetak Antrian (Pilih 3)

```
C:\BC5\LIB\NONAME00.exe

-----
Menu Pilihan Circular Queue
-----
[1] Enqueue / Tambah Antrian
[2] Dequeue / Hapus Antrian
[3] PrintDequeue / Cetak Antrian
[4] Keluar

-----
Masukkan Pilihan : 3

Kondisi Antrian :

==== | 4 | 2 | 5 | 7 | 9 | 6 | 3 | 8 | | ====
Front = 1
Rear = 8

Enter Kembali ke Menu
```

5. Dequeue (hapus antrian ( pilih 2))

Cetak Antrian (pilih 3)

```
C:\BC5\LIB\NONAME00.exe

-----
Menu Pilihan Circular Queue
-----
[1] Enqueue / Tambah Antrian
[2] Dequeue / Hapus Antrian
[3] PrintDequeue / Cetak Antrian
[4] Keluar

-----
Masukkan Pilihan : 2

Mengambil Antrian "8"
```

```
C:\BC5\LIB\NONAME00.exe

-----
Menu Pilihan Circular Queue
-----
[1] Enqueue / Tambah Antrian
[2] Dequeue / Hapus Antrian
[3] PrintDequeue / Cetak Antrian
[4] Keluar

-----
Masukkan Pilihan : 3

Kondisi Antrian :

==== |  | 4 | 2 | 5 | 7 | 9 | 6 | 3 |  |  | ====
Front = 2
Rear = 8

Enter Kembali ke Menu _
```

6. Dequeue (hapus antrian ( pilih 2)

Cetak Antrian (pilih 3)

```
C:\BC5\LIB\NONAME00.exe

-----
Menu Pilihan Circular Queue
-----
[1] Enqueue / Tambah Antrian
[2] Dequeue / Hapus Antrian
[3] PrintDequeue / Cetak Antrian
[4] Keluar

-----
Masukkan Pilihan : 2

Mengambil Antrian "3"
```

```
C:\BC5\LIB\NONAME00.exe

-----
Menu Pilihan Circular Queue
-----

[1] Enqueue / Tambah Antrian
[2] Dequeue / Hapus Antrian
[3] PrintDequeue / Cetak Antrian
[4] Keluar

-----

Masukkan Pilihan : 3

Kondisi Antrian :

==== |  | 4 | 2 | 5 | 7 | 9 | 6 |  |  |  | ====
Front = 3
Rear = 8

Enter Kembali ke Menu
```

7. Dequeue (hapus antrian ( pilih 2)

Cetak Antrian (pilih 3)

```
C:\BC5\LIB\NONAME00.exe

-----
Menu Pilihan Circular Queue
-----

[1] Enqueue / Tambah Antrian
[2] Dequeue / Hapus Antrian
[3] PrintDequeue / Cetak Antrian
[4] Keluar

-----

Masukkan Pilihan : 2

Mengambil Antrian "6"
```

```
C:\BC5\LIB\NONAME00.exe

-----
Menu Pilihan Circular Queue
-----
[1] Enqueue / Tambah Antrian
[2] Dequeue / Hapus Antrian
[3] PrintDequeue / Cetak Antrian
[4] Keluar

-----
Masukkan Pilihan : 3

Kondisi Antrian :

==== |  | 4 | 2 | 5 | 7 | 9 |  |  |  |  | ====
Front = 4
Rear = 8

Enter Kembali ke Menu _
```

8. Enqueue 1, 3, 6, dan 9 (Input nilai (Pilih 1)

Cetak Antrian (Pilih 3)

```
C:\BC5\LIB\NONAME00.exe

-----
Menu Pilihan Circular Queue
-----
[1] Enqueue / Tambah Antrian
[2] Dequeue / Hapus Antrian
[3] PrintDequeue / Cetak Antrian
[4] Keluar

-----
Masukkan Pilihan : 3

Kondisi Antrian :

==== | 1 | 4 | 2 | 5 | 7 | 9 |  | 9 | 6 | 3 | ====
Front = 4
Rear = 2

Enter Kembali ke Menu _
```

9. Dequeue (hapus antrian ( pilih 2)

Cetak Antrian (pilih 3)

```
C:\BC5\LIB\NONAME00.exe

-----
Menu Pilihan Circular Queue
-----
[1] Enqueue / Tambah Antrian
[2] Dequeue / Hapus Antrian
[3] PrintDequeue / Cetak Antrian
[4] Keluar

-----
Masukkan Pilihan : 2

Mengambil Antrian "9"
```

```
C:\BC5\LIB\NONAME00.exe

-----
Menu Pilihan Circular Queue
-----
[1] Enqueue / Tambah Antrian
[2] Dequeue / Hapus Antrian
[3] PrintDequeue / Cetak Antrian
[4] Keluar

-----
Masukkan Pilihan : 3

Kondisi Antrian :

==== | 1 | 4 | 2 | 5 | 7 | | | 9 | 6 | 3 | ====
Front = 5
Rear = 2

Enter Kembali ke Menu
```



## 10. Dequeue (hapus antrian ( pilih 2)

### Cetak Antrian (pilih 3)

```
C:\BC5\LIB\NONAME00.exe

-----
Menu Pilihan Circular Queue
-----
[1] Enqueue / Tambah Antrian
[2] Dequeue / Hapus Antrian
[3] PrintDequeue / Cetak Antrian
[4] Keluar

-----
Masukkan Pilihan : 2

Mengambil Antrian "7"
```

```
C:\BC5\LIB\NONAME00.exe

-----
Menu Pilihan Circular Queue
-----
[1] Enqueue / Tambah Antrian
[2] Dequeue / Hapus Antrian
[3] PrintDequeue / Cetak Antrian
[4] Keluar

-----
Masukkan Pilihan : 3

Kondisi Antrian :

==== | 1 | 4 | 2 | 5 |   |   | 9 | 6 | 3 | ====
Front = 6
Rear = 2

Enter Kembali ke Menu _
```