

## LIQUIN, KING RUZZEL A.

### CCE105\_Activity - Port Container Management

Adding at least 3 containers:

```
=== Port Container Management System ===
[1] Store container (push)
[2] View port containers
[3] Register arriving ship (enqueue)
[4] View waiting ships
[5] Load next ship (pop container + poll ship)
[0] Exit
```

```
Enter your choice: 1
Enter ID: CT001
Enter Description: Electronics
Enter Weight: 500
Stored: CT001 | Electronics | 500kg
```

```
=== Port Container Management System ===
[1] Store container (push)
[2] View port containers
[3] Register arriving ship (enqueue)
[4] View waiting ships
[5] Load next ship (pop container + poll ship)
[0] Exit
```

```
Enter your choice: 1
Enter ID: CT003
Enter Description: Clothes
Enter Weight: 100
Stored: CT003 | Clothes | 100kg
```

```
=== Port Container Management System ===
[1] Store container (push)
[2] View port containers
[3] Register arriving ship (enqueue)
[4] View waiting ships
[5] Load next ship (pop container + poll ship)
[0] Exit
```

```
Enter your choice: 1
Enter ID: CT002
Enter Description: Fruits
Enter Weight: 200
Stored: CT002 | Fruits | 200kg
```

```
=== Port Container Management System ===
[1] Store container (push)
[2] View port containers
[3] Register arriving ship (enqueue)
[4] View waiting ships
[5] Load next ship (pop container + poll ship)
[0] Exit
```

```
Enter your choice: 2
```

```
TOP >
CT003 | Clothes | 100kg
CT002 | Fruits | 200kg
CT001 | Electronics | 500kg
< BOTTOM
```

Registering at least 2 ships:

```
=== Port Container Management System ===
[1] Store container (push)
[2] View port containers
[3] Register arriving ship (enqueue)
[4] View waiting ships
[5] Load next ship (pop container + poll ship)
[0] Exit
```

```
Enter your choice: 3
Enter Ship Name: SeaWave
Enter Captain Name: Santos
Registered: MV SeaWave | Capt. Santos
```

```
=== Port Container Management System ===
[1] Store container (push)
[2] View port containers
[3] Register arriving ship (enqueue)
[4] View waiting ships
[5] Load next ship (pop container + poll ship)
[0] Exit
```

```
Enter your choice: 3
Enter Ship Name: OceanStar
Enter Captain Name:
Reyes
Registered: MV OceanStar | Capt. Reyes
```

```
Enter your choice: 4
```

```
TOP >
SeaWave | Capt. Santos
OceanStar | Capt. Reyes
```

Successfully loading 1 ship:

```
=== Port Container Management System ===
```

```
[1] Store container (push)
```

```
[2] View port containers
```

```
[3] Register arriving ship (enqueue)
```

```
[4] View waiting ships
```

```
[5] Load next ship (pop container + poll ship)
```

```
[0] Exit
```

```
Enter your choice: 5
```

```
Loaded: CT002 | Fruits | 200kg ? OceanStar | Capt. Reyes
```

```
Remaining containers: 1
```

```
Remaining ships waiting: 0
```