

```
PS E:\PSET3\Task1> python main.py
● 8 3 4
 73 74 75 71 69 72 76 73
NEXT 0
4
NEXT 3
6
COUNT 0 7
7
COUNT 4 7
3
◆ PS E:\PSET3\Task1> ◻
```

Task1 Output:

```
PS E:\PSET3\Task2> python main.py
● 6 3 100
 30 50 60 40 70 80
 1 0 1 0 0 1
CANPAIR 0 1
CANPAIR 0 2
REMAINING 2
Minimum boats = 4
Yes
No
3
◆ PS E:\PSET3\Task2> ◻
```

Task2 Output:

⌚ Rida Batool (3 min)

```
● PS E:\PSET3\Task3> python main.py
 3 9 2
 5 1 2
 5 1 3
 5 2 5
 5 3 9
 5 1
Answer: 1 2
 5 1 2
 5 3 6
 5 1
Answer: 2 3
 5 2
Answer: EMPTY
◆ PS E:\PSET3\Task3> ◻
```

Task3 Output:

```
PS E:\PSET3\Task4> python main.py
● [0, 6]
◆ PS E:\PSET3\Task4> ◻
```

Task4 Output:

```
● PS E:\PSET3\Task5> python main.py
● bab
◆ PS E:\PSET3\Task5> ◻
```

Task5 Output:

```
PS E:\PSET3\Task6> python main.py
● 2
❖ PS E:\PSET3\Task6> █
```

Task6 Output: