

```

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
S 1 2
S 1 3
B 2 5
B 3 9
F 1
Answer: 1 2
U 1 2
B 3 6
F 1
Answer: 2 3
F 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: