

# COP5536 Spring 2025 Programming Project:

## Sample Test Cases

### 1 Problem Description

Test case 1:

```
addLicence()  
addLicence()  
addLicence()  
revenue()  
quit()
```

Output:

```
<random_plate_num> created and registered successfully.  
<random_plate_num> created and registered successfully.  
<random_plate_num> created and registered successfully.  
Current annual revenue is 12 Galleons.
```

Test case 2:

```
addLicence(1111)  
addLicence(2222)  
addLicence(3333)  
addLicence(AAAA)  
addLicence(4444)  
addLicence(3333)  
dropLicence(4444)  
dropLicence(1234)  
lookupLicence(2222)  
lookupLicence(1234)  
lookupLicence(4444)  
lookupPrev(2222)  
lookupNext(3333)  
lookupRange(1234, 3333)  
revenue()  
quit()
```

Output:

1111 registered successfully.  
2222 registered successfully.  
3333 registered successfully.  
AAAA registered successfully.  
4444 registered successfully.  
Failed to register 3333: already exists.  
4444 removed successfully.  
Failed to remove 1234: does not exist.  
2222 exists.  
1234 does not exist.  
4444 does not exist.  
2222's prev is 1111.  
3333's next is AAAA.  
Plate numbers between 1234 and 3333: 2222, 3333.  
current annual revenue is 28 Galleons.