

Student Name: _____

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| Assignment 02 | (420-PZ4-AB) Programming II |
| Overview | Object-Oriented Application Development Using Java |
| Outcomes | After completing this assignment , you will: <ul style="list-style-type: none"> ➤ Become familiar with the components of a Java program |
| What you'll need | To complete this assignment, you will need: <ul style="list-style-type: none"> ➤ the worksheet below ➤ Bradshaw Marina Case Study |
| Completion time | 8-10 hours |
| Precautions | None |

Case Study

Bradshaw Marina is a case study used for the Team Project. Bradshaw rents boat slips to customers on Clinton Lake and needs a system to track **customers, boats, slips, and leases**. The use case diagram, class diagram, and one of many sequence diagrams that form the basis for the design and programming the application are introduced in the attached Bradshaw Marina Case Study document.

You will use this case study to illustrate the development of an Object-Oriented system. This case involves a few problem domain classes. You need to design and write a class definition for at least five classes. Each class definition will include attributes (data members) and operations (method members) to store and retrieve the attribute values.

Submission:

- Create a folder name Team_Name_Assign_02_Programming_II. Add the document(s) to the folder and compress it.
- To compress a file/folder, right-click the file/folder, point to Sent To, and then select Compressed (Zipped) Folder
- Submit the zipped folder to your instructor using my JAC portal service - LEA

