

EASTERN INTERNATIONAL UNIVERSITY  
SCHOOL OF COMPUTING  
AND INFORMATION TECHNOLOGY



**Lab 5**

**Practice Assignment – Quarter 2, 2023-2024**

**Course Name:** OOP

**Course Code:** CSE 203

**Student's Full Name:**

**Student ID:**

**1. Question 3 in Lab 4**

- Add a new college student. (College.DAT).
- Add a new university student. (University.DAT).
- Remove a student from the list with the student code entered from the keyboard. (Delete and update files).
- Print student list.
- Print the list of students eligible for graduation and indicate the number of eligible students.
- Sort the student list ascending by Student type (College, university) and student code (update files).
- Find student list by student's full name (Contains).
- Exit

**2. Resort Price Calculator**

This is my First Frame

## Resort Price Calculator

Base price for a room is \$200  
Choose options that you want

Guest Name:

☒ Breakfast \$20 ☐ Goft \$50 ☐ Pool \$15

Weekend (+30%)

Week day (-10%)  
Weekend (+30%)

ment is: \$286.0

This is my First Frame

## Resort Price Calculator

Base price for a room is \$200  
Choose options that you want

Guest Name:

☒ Breakfast \$20 ☐ Goft \$50 ☐ Pool \$15

Weekend (+30%)

Hello Billy Your payment is: \$286.0

- Interface design as above.
- Check the "Guest name" column is not empty.
- Write commands for the event when you click the "Calculate" button.

### 3. Re-use the project CD\_Store (Lab 3)

- Create a frame that help user to add a new CD into listCD in CDManager. Check CIID, CDTitle Not Empty, CDPrice, CDYearofRelease are numbers.

After adding successfully, the console will show **a successful** notification and all input control will be cleared.

Fair UI	Better UI

**Submitted: github link (public) and all source code (\*.rar file) submitted to moodle**