**Project 3 Rubrics**

**CheckIn**
- Input user id, must be a 4-digit number
- Allow a second chance to enter a valid id (but NOT a third chance)
- Must have three or more different tasks (Questions)
- Logic to compute and output magic code when conditions are satisfied.
- Print appropriate messages for the above valid/invalid user inputs
  - **Test Cases:**
    - A valid id and answering all questions correctly (at least 2 runs)
    - An invalid id but then entering a valid id on the second try, and answering all questions correctly
    - An invalid id twice in a row (program should issue an error message and terminate)
    - A valid id with one or more incorrect answers (at least 2 runs, same id but different mistakes)

**CheckOut**
- Logic to get user id and magic code from user (no second chances here)
- Logic to compute and compare magic code
- Print appropriate messages (secret message or invalid input message)
  - **Test cases:**
    - A valid id and the correct magic code (at least 2 runs)
    - A valid id and the wrong magic code (at least 2 runs)

**Report**
- Source code, nicely formatted
- Test cases (see above, and anything else you wish to try)
- Brief statement about your experience on project 3
- Discuss any known errors in program

**Extras**
- Implement challenge for the bored part

**Coding Conventions**
- Clear and informative comments including your name and purpose of program
- Descriptive names for variables and constant for prime number
- Indentation of code

**Submitting the project**
- Upload and submit the report to blackboard
- Hand in a printed report at the beginning of class on the due date

**Comments:**

Report Received on due date: submitted on blackboard