**FPT University – HCMC**

**Semester**: Spring 2020 | **Course**: PRO192 – Java OOP

**Lecturer**: HoangNT - giáo.làng

**Exam**: Practical | **Date taken**: April 8, 2020 | **Duration**: 80 minutes

You are required to develop a Java program that shows the following menu and the corresponding functions:

|  |
| --- |
| Welcome to New Age Shoes -  © 2020 by <Student ID - Student Name >  **Select the options below:**   1. **Add a pair of shoes to the list** 2. **Search a pair of shoes by Code** 3. Update a pair of shoes by Code 4. Remove a pair of shoes by Code 5. **Print the shoes list in the ascending order of Model** 6. **Quit** |
| **Notes:**   * Each jewelry has the following info: **code** (cannot be modified, cannot be duplicated), **model, size, price** * All user input must be validated * The details of each jewelry must be shown under the following format:   **|SE1431|code|model|size|price|**   * Submit your work to LMS **on time**, and under the file name of **StudentID.zip**, *e.g.* **SE123456.zip** |

**An example of a jewelry:**

**Grading scale (of 10 points):**

1. Menu: **1 points**
2. DTO: **0.5 points**
3. Add: **2 points**
4. Search: **1.5 points**
5. Update: **1.5 points**
6. Print: **1.5 points**
7. Validate: duplicate id, user input: **2 points**
8. Remove [bonus]: **1.5 points**

