

**COE312 Software Design for Engineers**

**Homework 2: Threads and Threads Synchronization**

**Academic Integrity Pledge**

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| As a student of American University of Sharjah, I here by state that I will abide by the AUS Integrity Pledge that:   * I will hold myself accountable for all that I say and write. * I will hold myself responsible for the academic integrity of my work * I will not carry out unauthorized copying or printing of the work of others * I will not misrepresent my work nor give or receive unauthorized aid * I will behave in a manner that demonstrates concern for the personal dignity, rights and freedoms of all members of the community * I will respect university property and the property of others; and * I will not tolerate a lack of respect for these values.   **Student Name:**  **Student ID:**  **Student Name:**  **Student ID:** |

**Note: You must submit the code files as well.**

**Java code**

*Please add subtitles with the class names. Paste only the new code, and* ***not*** *screenshots of the code.*

**Sample Output**

1. Paste screenshot of output showing that Harry found Hermione before time is up and then hiding the map to end.
2. Paste screenshot of output showing that Harry got caught (time is up and he did not hide the map).