Technological University Dublin
Blanchardstown Campus

Academic term	2024-2025
Year of study	2

Programme code	Programme title	Module code
TU653	Higher Certificate in Science in Computing in Information Technology	COMP H2030
TU757	Bachelor of Science in Computing in Information Technology	COMP H2030
TU860	Bachelor of Science (Honours) in Computing	COMP H2030
TU863	Bachelor of Science (Honours) in Computing in Digital Forensics and Cyber Security	COMP H2030

Module title	VERSION X – A Preview of the Instructions Advanced Programming – Final Assignment 3rd April 2025

Internal Examiner(s): Dr. Luke Raeside
External Examiner(s): Dr. Graham Healy

Instructions to candidates (READ VERY CAREFULLY):

1) **Please check that the module and programme which you are following is listed in the table above.**
2) **DOWNLOAD AND COMPLETE THE CORRET VERSION OF THE ASSIGNMENT FROM BRIGHTSPACE (DETAILS PUBLISHED ON THE MORNING OF THE 3rd April):**
   - **VERSION X for students with X.**
3) **YOU MUST CHOSE THE CORRECT ASSIGNMENT VERSION.**
4) **Attempt ALL parts of this assignment.**
5) **This is a 1 day assignment – upload the assignment to BrightSpace before 23:59pm on April 3rd 2025.**
6) **Record <u>TWO</u> short video clips as part of this assignment (3 minutes approx.). Record a video <u>before you start to code the solution</u> AND record a video <u>prior to submission of the completed code</u>. VIDEOS MUST CONTAIN TECHNICAL JAVA PROGRAMMING DETAILS.**
   - **The initial video will summarize your plans for the coded solution, any difficulties you may feel you will have to overcome and include any designs or diagrams you have sketched (show to the camera).**

- **The second video will summarize <u>what you managed to complete</u> and summarize any difficulties encountered. Show the completed programme running, if possible, in this video. Ensure that you submit BOTH videos with the assignment. Failure to enclose the videos could result in an additional viva-voce examination (with a -20% deduction), i.e., a follow-up one-to-one assessment. <u>If you need to upload a link to the videos</u> the links must be included in the submission and the lecturer must have download access.**

7) **IMPORTANT RULES FOR THE VIDEOS:**
   a. **I MUST <u>SEE YOUR FACE</u> TO INTRODUCE THE VIDEOS**
   b. **I MUST <u>HEAR YOUR VOICE</u> THROUGHOUT THE VIDEOS**
   c. **VIDEOS <u>MUST BE IN ENGLISH</u>.**

Failure to follow the above rules will result in a viva-voce examination being required, i.e., a follow-up one-to-one assessment that will also incur a -20% penalty to your result.

8) **You MUST attempt to use the AssignmentLogger class correctly in your assignment. This class will log your assignment coding each hour. Failure to reasonably attempt to use the AssignmentLogger will result in a viva-voce examination being required, i.e., a follow-up one-to-one assessment that will also incur a -20% penalty to your result. Don't allow any possible logger problems prevent you from submitting an attempt for this assignment – try your best!.**

9) **Java 1.8 is a minimum requirement (Java 10+ recommended).**

10) **Self-assessment is optional for this assignment (rubric provided).**

11) **ALL THE SUBMITTED WORK MUST BE YOUR OWN. <u>THIS IS AN INDIVIDUAL ASSIGNMENT YOU CANNOT ASSIST OTHERS IN ANY WAY OR SEEK ASSISTANCE FROM ANYONE ELSE IN ANY WAY</u>. ZERO MARKS WILL BE AWARED TO ANY STUDENT THAT ASSISTS ANOTHER OR RECEIVES ASSISTANCE WITH THIS ASSIGNMENT.**

12) **USE OF GENERATIVE AI IS NOT PERMITTED WITH THIS ASSIGNMENT.**

13) **LATE SUBMISSION WILL INCUR PENALTIES:**
   - **Within first hour late will result in an automatic grade reduction of 20%, additional 20% reduction within every hour late thereafter, e.g., 1-2 hours late -40%, 2-4 hours late -60% etc.**

14) **YOU HAVE ALREADY SIGNED A COMMITMENT REGARDING ACADEMIC HONESTY THROUGH THE UNIVERSITY - HONOUR THAT COMMITMENT.**