

SOFTENG 254: Quality Assurance Dataflow Coverage Criteria - Tutorial

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Consider discard0()

- What are the **definitions**
- What are the **uses**
 - Which are **predicate** uses
 - Which are **computation** uses
- Identify a **kill** that is not the end of the method
- Identify occurrences of the **–u** pattern
- Find a **du-path** (specify the definition and use) that contains a **fault** (*Hint: Identify all du-pairs*)
- **all-uses** is stronger than **all-definitions**
 - Find an example to demonstrate this

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- Go to **www.menti.com** and enter code **51 08 33**
- See you next week!
- *Meanwhile*
 - Utilize office hours (Tuesdays and Fridays 2:00 – 3:00 pm)
 - **Zoom** – See Canvas
 - Discuss with your peers and the teaching team on **Piazza**
 - Submit **Assignment 1** and practice **Lab** exercises
- And most importantly
 - Stay safe and maintain good hygiene