

DAILY RUNDOWN

- Why QA Testing?
- Types of Testing
- Project Testing
- Project Wrap Up

Me: Hey can you show me what is the err-C++:



WHY DO WE NEED QA TESTING?

- Catch bugs early rather than later
- Quality Assurance
- Trust and Reputation
- Safety

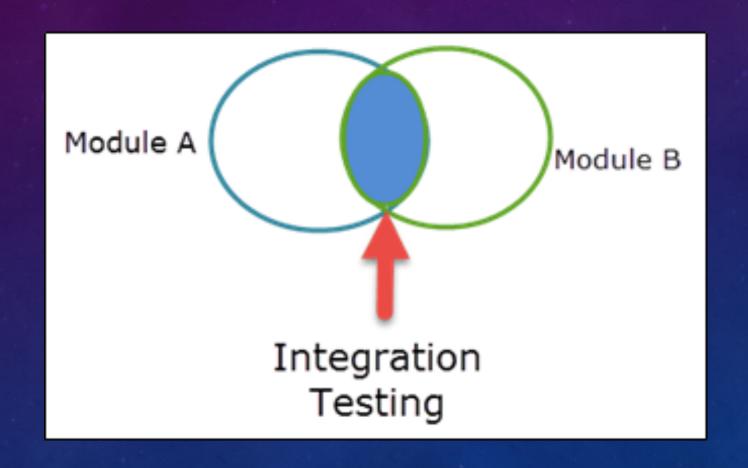
TYPES OF TESTING

- Unit Testing: testing each component to validate functionality
- Integration Testing: testing to confirm components have been integrated correctly
- End to End Testing: testing to confirm system works as a whole
- Acceptance Testing: client confirms requested features work

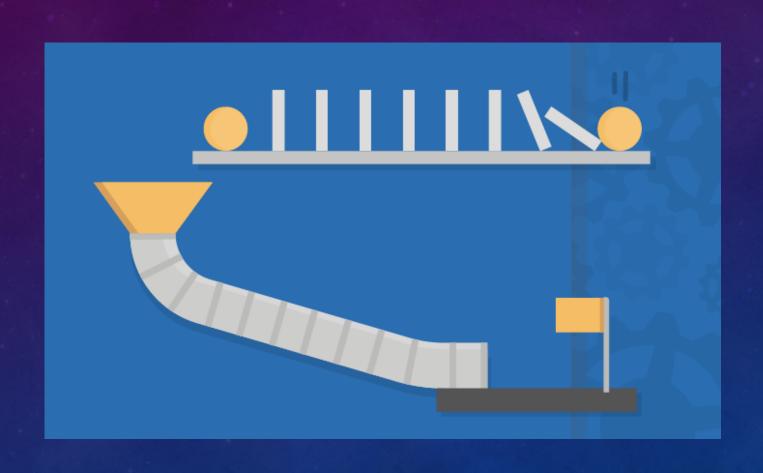
UNIT TESTING EXAMPLE

```
namespace ExampleProject
2 references
public class ClassForTesting
    2 references | 1/1 passing
    public object MethodForTesting1(string thing)
        switch (thing)
             case "true":
                 return true;
             case "something":
                 return "something";
             case "tomatoes":
                 return "tomatoes";
             default:
                 return thing;
```

INTEGRATION TESTING EXAMPLE



END TO END TESTING EXAMPLE



ACCEPTANCE TESTING EXAMPLE



BETA USERS OF THE MOST RECENT RELEASE OF INSTAGRAM IS AN EXAMPLE OF WHAT PHASE OF TESTING?

- A) Unit Testing
- B) Integration Testing
- C) End to End Testing
- D) Acceptance Testing

TESTING BOUNDARY VALUES OF A FUNCTION IS AN EXAMPLE OF WHAT PHASE OF TESTING?

- A) Unit Testing
- B) Integration Testing
- C) End to End Testing
- D) Acceptance Testing

PROJECT TESTING

- Wrap up project sprint 2; perform sprint review and retrospective
- Start testing your app using all four types of testing



PROJECT SHOWCASE SCHEDULE

- 2:00 2:25: Last Minute Preparation
- 2:30 3:30: Project Presentations (15 minutes per group)
- 3:35 4:00: Software Team Social

PROJECT PRESENTATIONS

- 15 minutes per group [10 min presentation + demo; 5 min Q&A]
 - Talking Points: Goal of Project, Key Technologies, User Stories, Challenges, Retrospectives
 - Q&A: Audience + Judging Panel on various aspects of your Project

PROJECT FEEDBACK

- Please share Github with Rory (@RoryZahedi) and I (@alexmeigz)
- We will provide technical and non-technical feedback in Breakout Rooms

SOFTWARE TEAM SOCIAL

- Please fill out the following form (1 robochip): https://forms.gle/DGo1dKfFuuLFs2Y19
- Kahoot about Software Team! See who knows the team best!