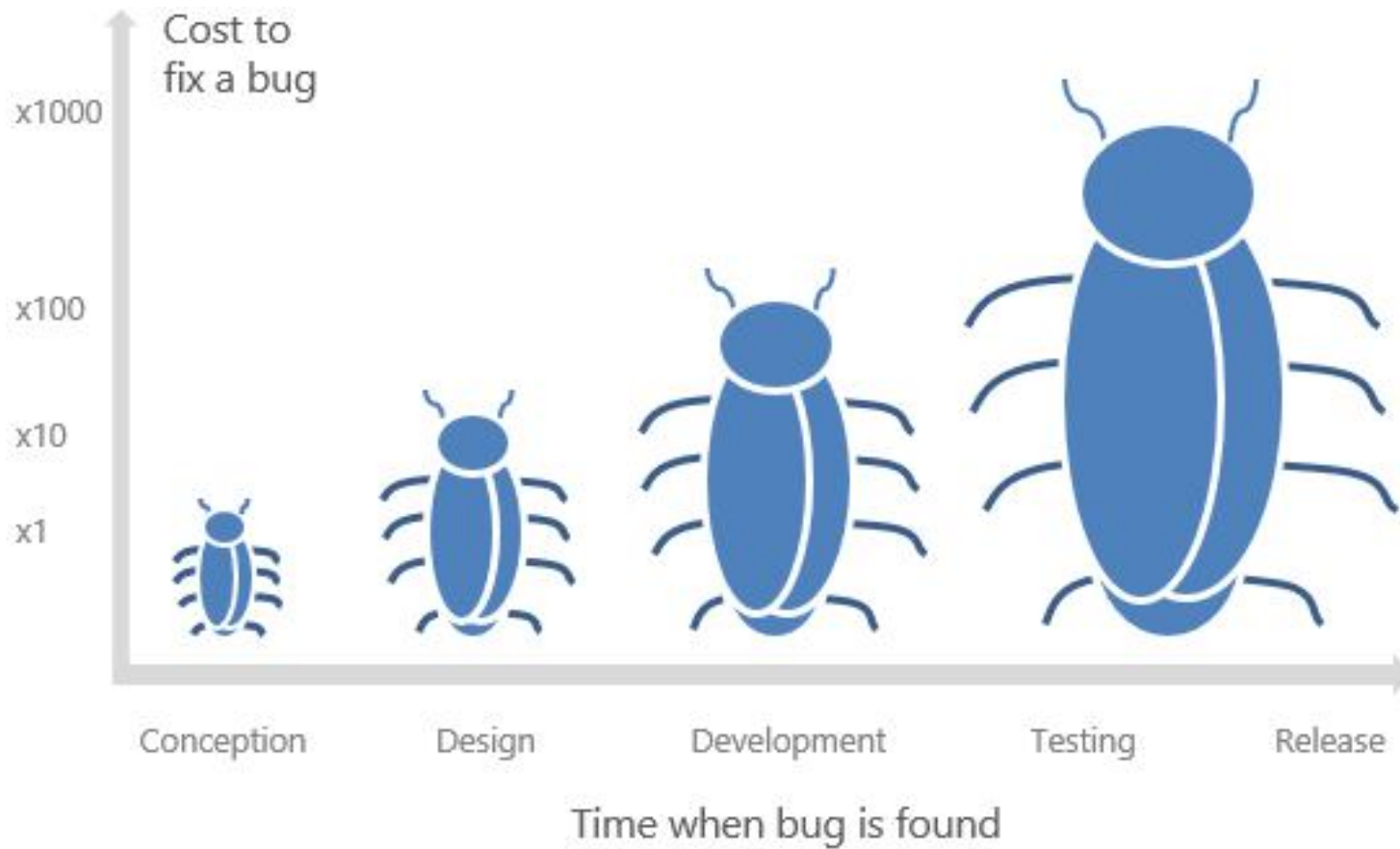# Testing

Introduction to Testing and Recap

Testing - Introduction

- Establishing confidence that a program does what it is supposed to do.

- The process of executing a program with the intent of finding errors.

- Detecting specification errors and deviations from specs

Software Testing

Why?

Software Testing   3/7/2023

Software Testing

3/7/2023

Software Testing

Developer vs. Tester

Developer — Understands the system but, will test "gently" and, is driven by "delivery"

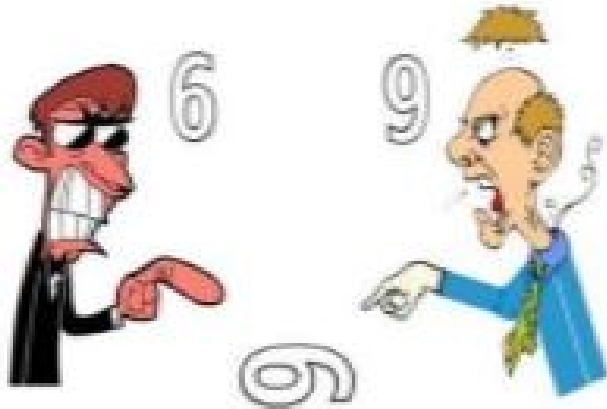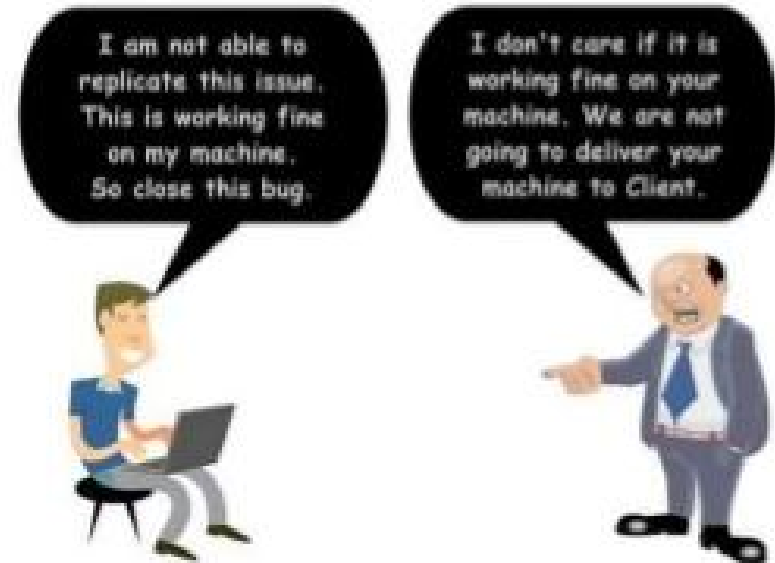Independent tester — Must learn about the system, but, will attempt to break it and, is driven by "quality"

Software Testing

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Developer vs. Tester

Software Testing

Which Glass has more water?

Software Testing

3/7/2023
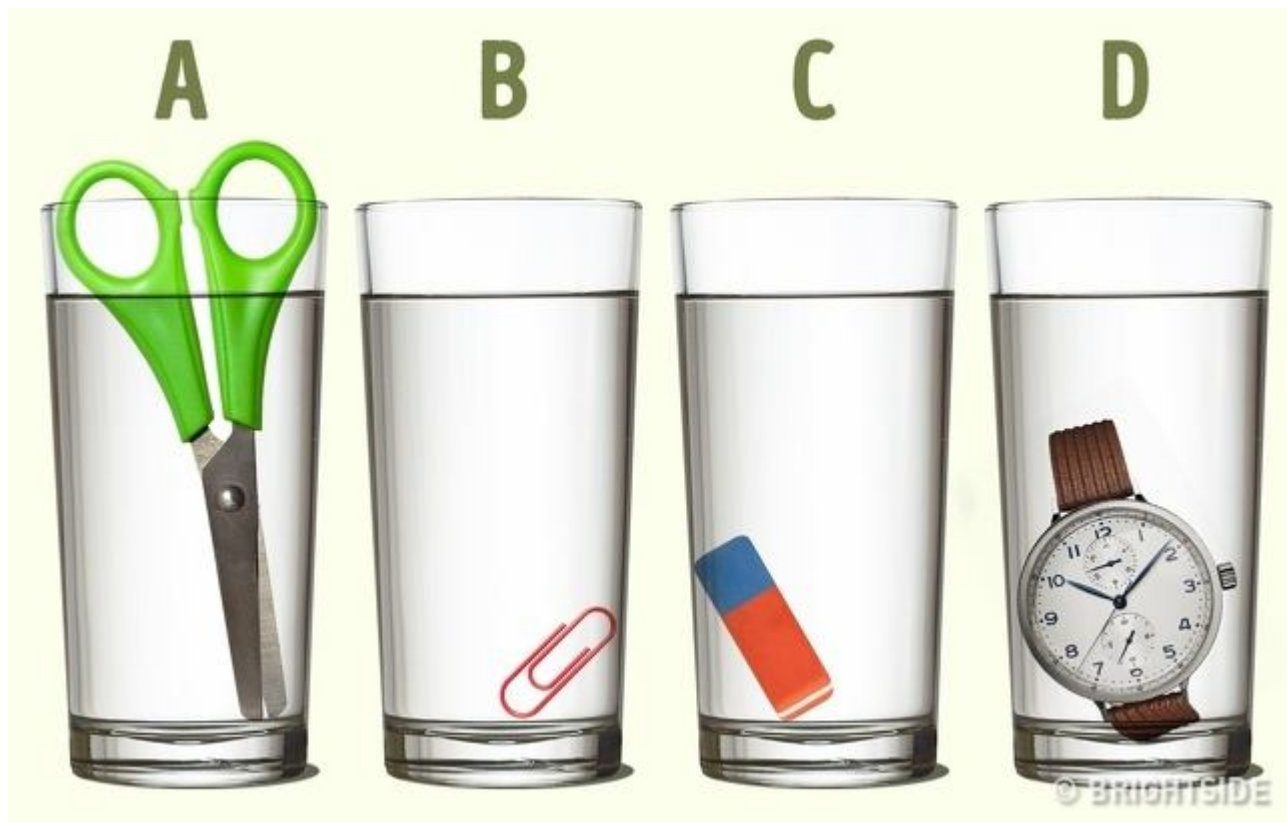
In comparison with the other things, the paper clip takes up the least amount of space.
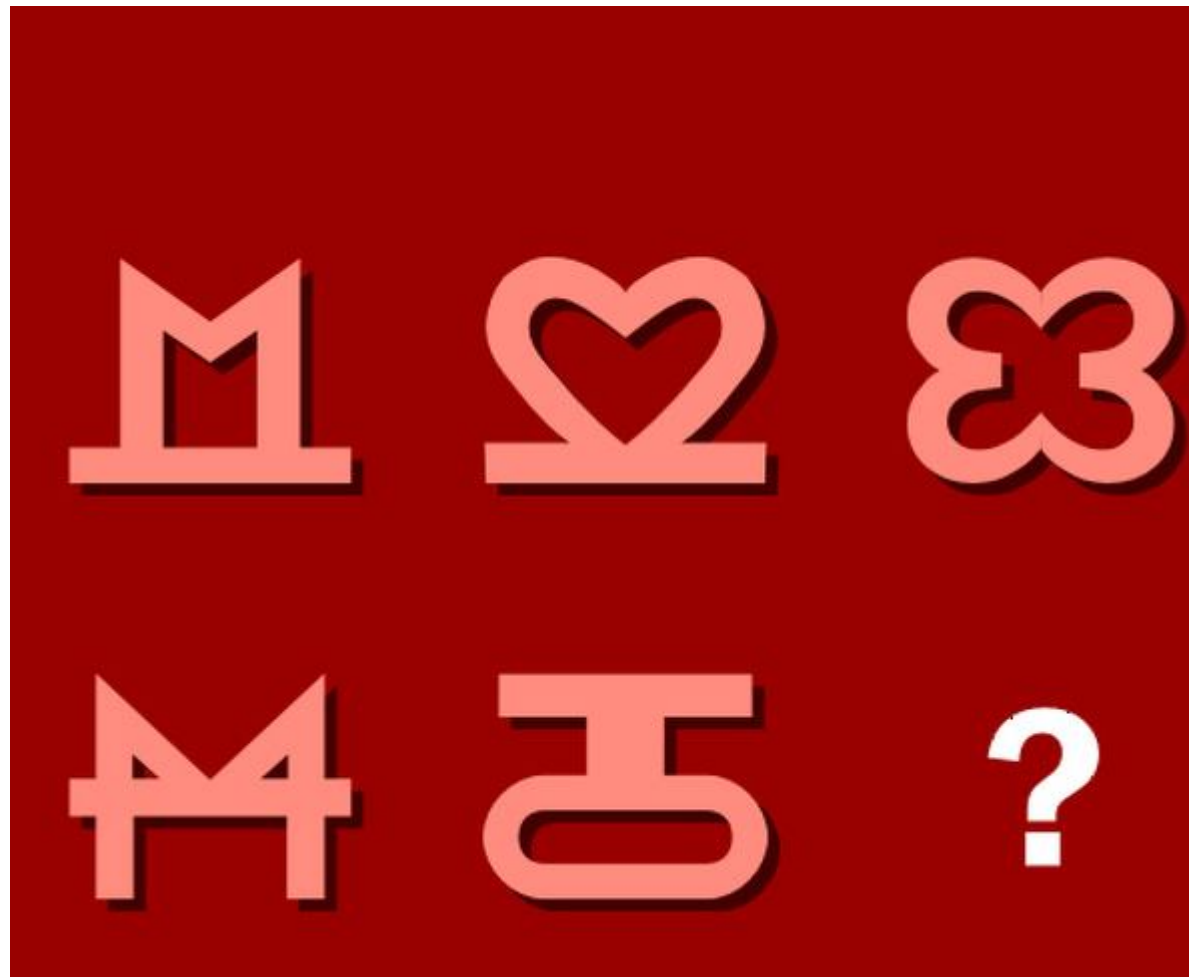If you take all the things out of the glasses, you'll see that glass B has more water.

Software Testing

Software Testing

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Software Testing

Which figure should replace the question mark?

Software Testing   3/7/2023

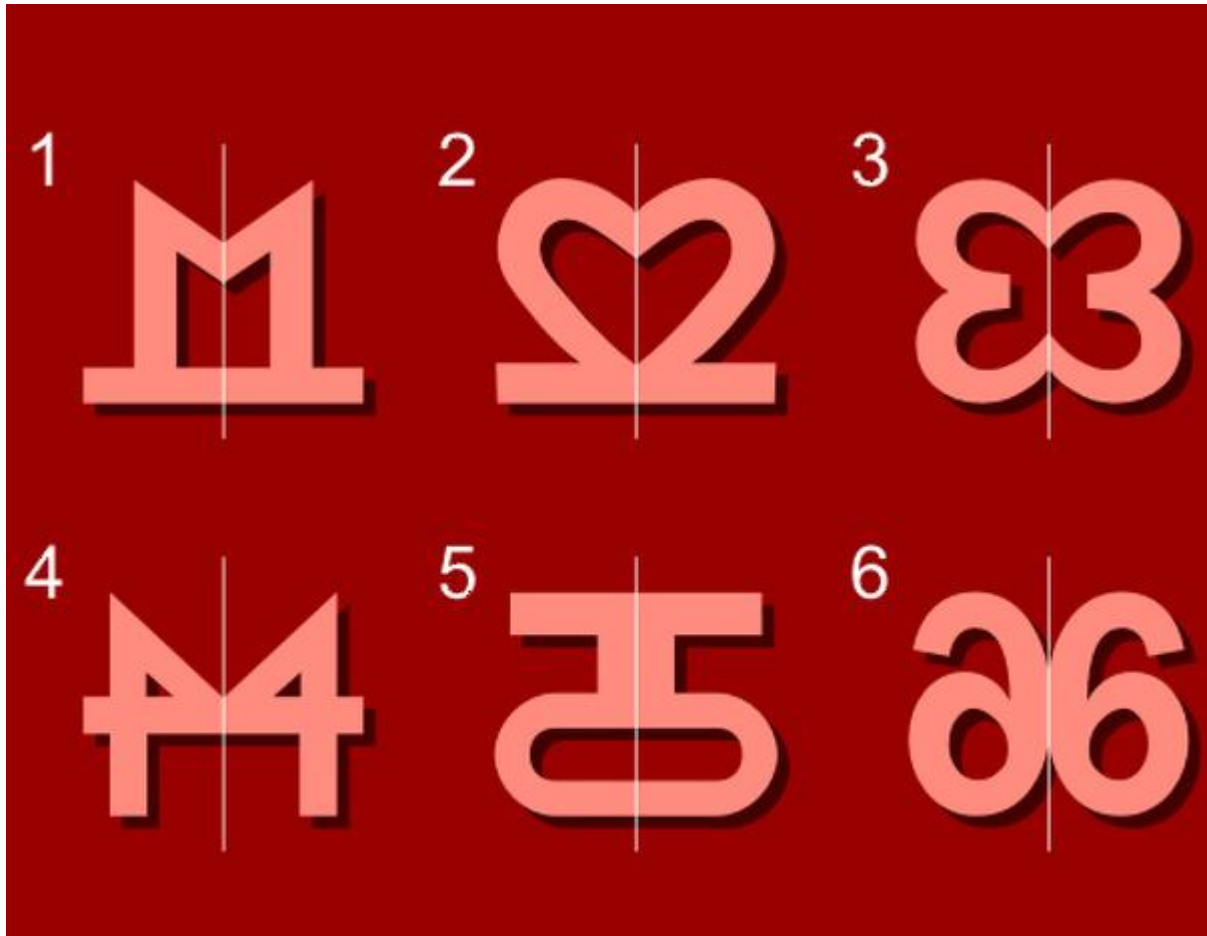Software Testing

- A man was found dead, he has a pistol in his hand and a cassette recorder next to him. The detective pressed the "Play" button and listened the message, it said "I am tired of this life and decided to stop my pain and suffering" and then a shot follows. Somehow the detective doesn't believe that it was a suicide.

- Why does the detective think that it was a murder?

Software Testing
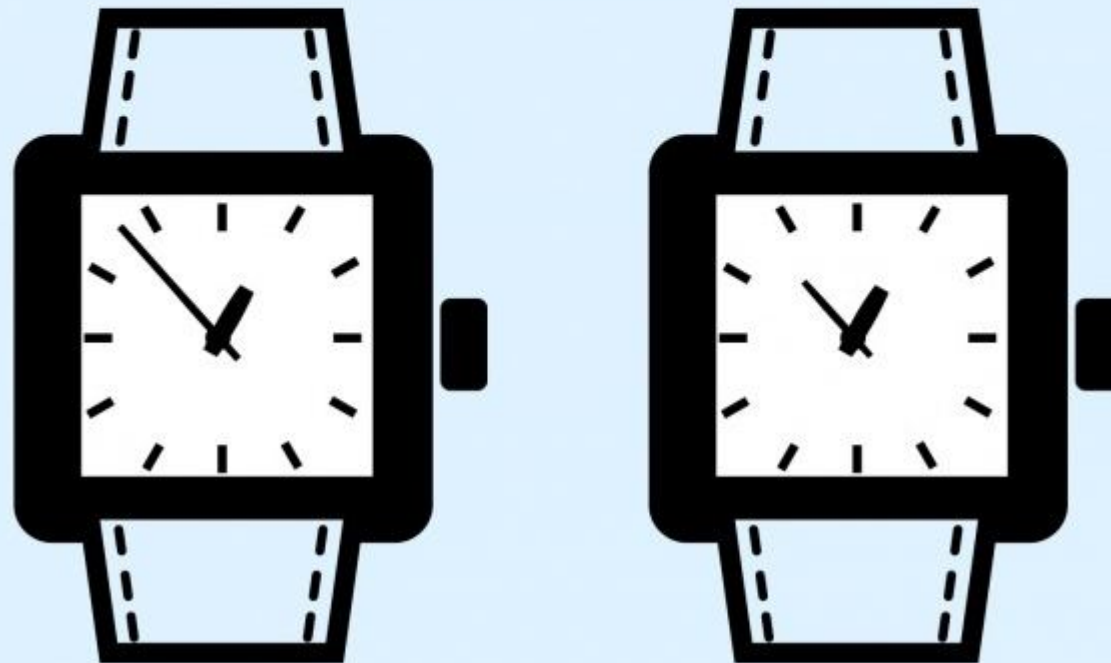
Disasters

- Loss of money …..

3/7/2023

Manual / Automated Testing

Software Testing
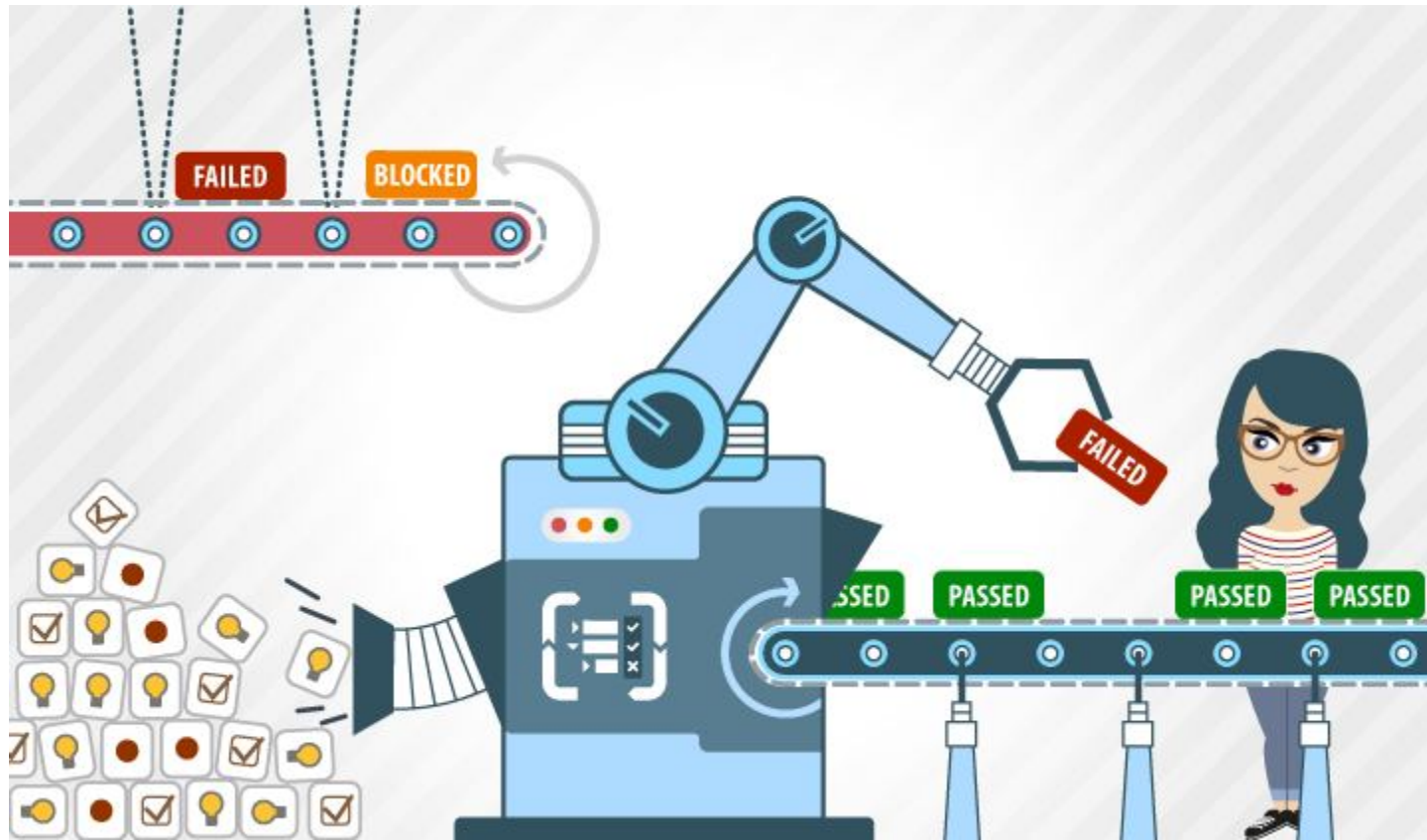
Tools in Use

- WinRunner
- SilkTest
- LoadRunner
- Jmeter
- Junit
- Etc.,

Software Testing

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Thank You