COMSATS University Islamabad, Wah Campus

Assignment # 1

Name:	Muhammad Ali Ahmad
Reg no.:	FA20-BSE-006
Subject	Software Testing
Submitted To:	Ma'am Mehwish Mukhtar

Question: Write Brief Summary of chapter 2 fundamentals of testing?

Answer: The chapter 2 fundamentals of testing delves into various crucial aspects of software testing, emphasizing the distinction between faults and failures, the challenges in testing and debugging, and the significance of understanding software quality attributes. It stresses the importance of systematic and structured testing processes, explaining key activities from planning and design to execution, evaluation, and reporting. The chapter 2 fundamentals of testing also explores the psychology of testing, addressing challenges like constructive vs. destructive actions, developer testing biases, and effective communication between developers and testers.

Additionally, it highlights fundamental principles in software testing, such as the impossibility of exhaustive testing, the necessity of starting testing early in the software life cycle, and the context-dependent nature of testing strategies. The chapter 2 fundamentals of testing introduces the ISTQB Code of Tester Ethics, outlining ethical guidelines for certified software testers. These guidelines encompass acting in the public interest, ensuring client and employer interests, maintaining professional integrity, promoting ethical management practices, supporting colleagues, and engaging in continuous learning.

In simple words, the chapter 2 fundamentals of testing provides a comprehensive overview of software testing, covering technical, psychological, and ethical dimensions, offering valuable insights for both practitioners and organizations involved in software development and testing.

THE END