

CSE321
Take Home Quiz 1
Total Marks: 15
Deadline: 6 February (During Lab Class Time)

Note: Hardcopies should be submitted, softcopies are not allowed. Deadline is fixed and will not be extended. There will be no make up of take home quizzes.

Name:	ID:	Section:
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Answer all the questions below.

Read the scenario below for questions 1-4.

You powered on your personal computer and waited for some time. After logging in, you checked your agendas for the day in the default calendar app. Then you opened the mail application to send an email to your advisor. After your advising was complete, you visualized your finalized class routine in a spreadsheet. While doing your work you were listening to some music in Spotify running in the background.

1. What types of softwares did you use? Mention each of the above softwares and their types. [2]
2. What is a bootstrap program and where is it stored? [2]
3. Elaborate the complete sequence of starting the operating system. [3]
4. How does dual mode operation prevent unwanted access to the operating system? [2]
5. How does layered operating system provide its services. State an advantage and disadvantage of it. [3]
6. State the roles of long term scheduler and short term scheduler. Why is long term scheduler important? [3]