

Name:

Quiz II

1. Enumerate the key responsibilities of an operating system. Elaborate on one of these responsibilities and describe a scenario where you have encountered it.

Security is listed as one of the responsibilities of operating systems in our slides. Users have different privileges and certain tasks can only be performed with admin rights. The command `sudo` should be familiar from your past experience.

2. Describe a project that is better implemented using a compiled approach. What project would benefit from an interpreted approach? Justify each of your choices.

Retail desktop applications tend to take the compilation route. Compiled machine code is relatively difficult to reverse engineer and runs faster.

Interpreted code tends to take less time to develop, is easier to modify and deploy and works great if the bottleneck is not about the performance during execution. It is great for small, server-side programs.