1. A screenshot of a computer

   AI-generated content may be incorrect.
2. A screenshot of a computer

   AI-generated content may be incorrect.
3. A screenshot of a computer

   AI-generated content may be incorrect.
4. A screenshot of a computer

   AI-generated content may be incorrect.
5. A black screen with white text

   AI-generated content may be incorrect.
6. A screenshot of a computer

   AI-generated content may be incorrect.
7. A screenshot of a computer

   AI-generated content may be incorrect.
8. A screenshot of a computer

   AI-generated content may be incorrect.

**Reflection Questions:**

1. The use of snapshots allows a software developer to have a “safe” version of the software that can still be used. This can be useful if a developer accidentally removes a file or code snippet that is very valuable to the company, or in the event an update causes many functions of the system to not work correctly. The developer can return the system to a stable state and start from scratch.
2. Limiting resources allows multiple people to utilize resources from the same device, being allocated to accompany the needs of each employee. This is to reduce waste in computing power that normally goes unused. This comes with its disadvantages, however, as any downtime or maintenance for the device will affect more people’s ability to work.
3. In an online retail scenario, a snapshot would be especially useful if high network traffic overloads the servers and causes the site to crash. This scenario, for example on Black Friday, has the potential to lose massive amounts of revenue from lack of availability, potentially several millions of dollars for the largest online retailers like Amazon. A snapshot gives a baseline version of the program that can be quickly reimplemented, however potentially comes at the loss of valuable customer data.
4. Saving a file gives a stable, transportable store of data that can be re-accessed from within the operating system. This preserves data in storage and allows operating systems to function properly. A snapshot preserves the current state of the operating system and running programs, allowing users to go “back in time” and erase all inputs made after the snapshot. This preserves the integrity of the system itself and protects against internal failure. Saving a file would be done more for file editing and use of programs, while snapshots would be used for software development and testing.