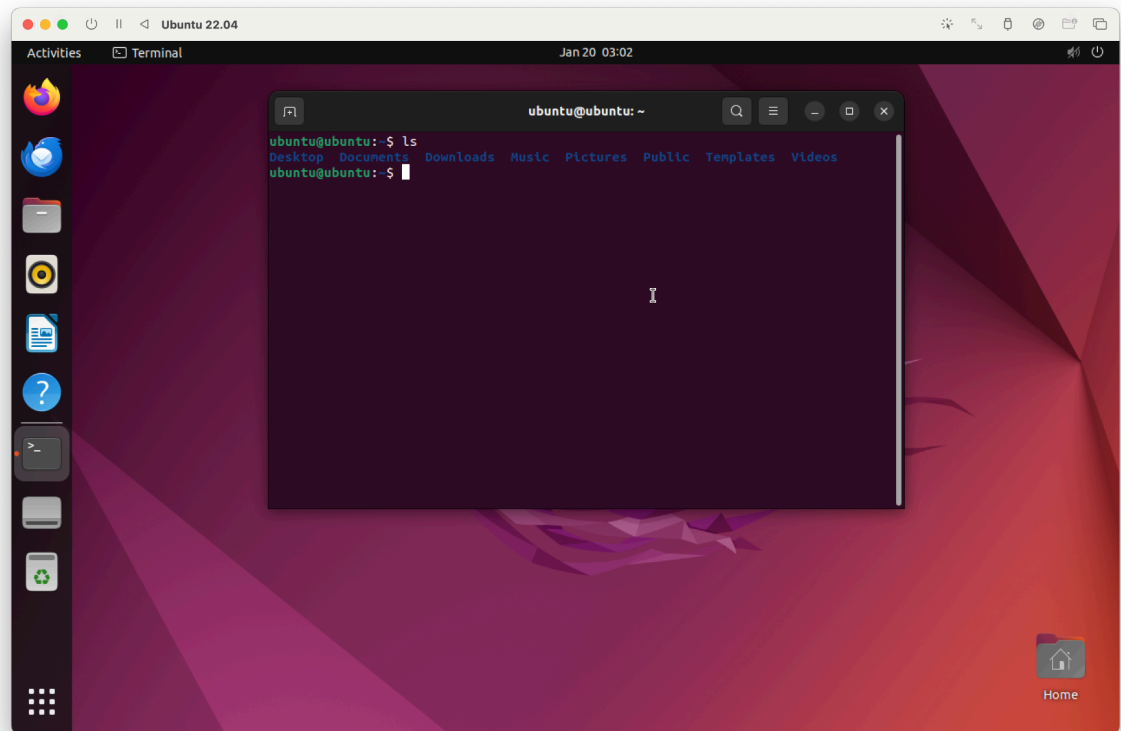


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To complete this assignment you must upload a PDF file completing the following tasks:

1. Take a screenshot of Linux installed on your own device.



2. Answer the following question:

Linux has gained popularity and is widely used across various domains for several reasons, despite being perceived as less user-friendly compared to operating systems like Windows or MacOS. Here are three key reasons for its popularity:

1. Open Source Nature and Community Support:

Linux is open-source, meaning its source code is freely available for anyone to use, modify, and distribute. This has fostered a strong and active community of developers and users who contribute to its development, security, and functionality. The collaborative nature of Linux encourages innovation and allows for a vast pool of resources, tutorials, and forums that help users troubleshoot and learn.

2. Stability and Performance:

It is designed to provide a stable, secure, and high performance execution environment for applications running. Its efficient resource management ensures optimal performance even on older hardware, contributing to cost savings for enterprises. This reliability and efficiency make Linux a preferred choice in environments where performance and stability are paramount.

3. Security Features:

Linux is inherently more secure than many other operating systems due to its design and the proactive monitoring by the global open-source community. The frequent updates and patches help keep Linux systems secure from vulnerabilities and attacks. Its permissions-based security model restricts access to system files and processes, reducing the impact of potential security breaches. This emphasis on security makes Linux a preferred platform for environments where data protection is critical, such as web servers and large-scale infrastructure.