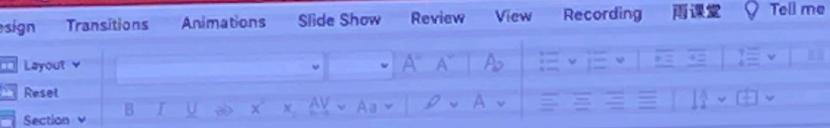
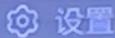


Quiz

May 16, 2023



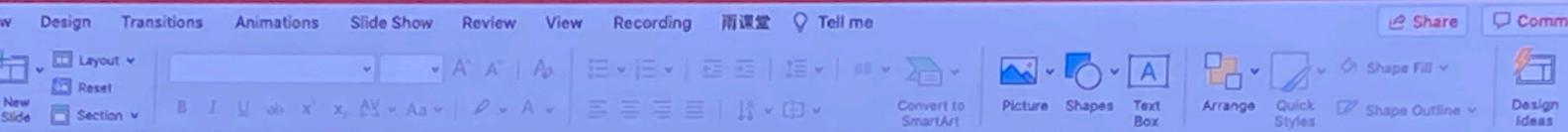
多选题 4分



In an inode file system, each inode has 256 bytes, with 10 direct block pointers, 2 single indirect block pointers, and 1 double indirect block pointers. A block pointer takes 8 bytes. The block size is 8KB. Which of the followings is/are correct

- A The maximum size of a file in this file system is roughly 8GB.
- B The maximum size of a file in this file system is roughly 1GB.
- C The maximum size of the file system is roughly 2^{77} B.
- D The maximum size of the file system is roughly 2^{64} B.

提交



多选题 3分

设置

Which of the following(s) is/are true about hard links and soft links in an iNode file systems?

A

A hard link is a directory entry pointing to the iNode of an existing file.

B

A symbolic link creates a new inode, with the path to the target file in its data block.

C

Deleting the target file makes the soft link invalid.

D

Deleting the target file does not affect the soft link.

提交

多选题 3分

设置

Which of the following(s) is/are true about FAT file systems and ext2/3 file systems?

- A FAT32 file system stores the file name in the FAT table and the file attributes in the directory entries.
 - B Ext2/3 file system stores the file name in the directory entries, and the file attributes in the inode.
 - C FAT32 stores file names and attributes in the directory entries.
 - D Ext2/3 stores file names and attributes in the inodes.

提文