shellcheck disable=SC2046 # shellcheck disable=SC2016 #archive the files directory: tar cf files.tar files #Add the -z option to create a compressed GNUzip (gzip) file: tar czf files.tar.gz files #To create a tar.bz2 file, add the -j tag: tar cjf files.tar.bz2 files #Use the -J tag to compress archives in the tar.xz format: tar cJf files.tar.xz files #create a tar archive with the files directory and remove it from the disk in one command: #tar cf files.tar files --remove-files #To indicate where to extract the components, add the -C option and specify the path: mkdir extracted_tar && tar xfC files.tar extracted_tar #create a new directory named extracted_gz and extract the files.tar.gz contents: mkdir extracted_gz && tar xzfC files.tar.gz extracted_gz #To extract files from a tar.bz2 compressed archive into the current directory, use: mkdir extracted_bz2 && tar xjfC files.tar.bz2 extracted_bz2 #Add the -J option to extract from tar.xz compressed archives mkdir extracted_xz && tar xJfC files.tar.xz extracted_xz #Don't overwrite files in the working directory: tar xf files.tar --keep-old-files #Extract files only if they are newer than the existing files: tar xf files.tar --keep-newer-files #list the files and directories in the files.tar archive: tar tf files.tar.gz #to locate file5.txt in the files.tar.gz archive, run: tar tf files.tar file/file5.txt #Use the --wildcards option to match multiple file instances. tar tf files.tar.gz --wildcards file/files5*.txt #create an archive from the files directory and exclude all .txt files: tar cf files.tar --exclude='*.txt' files #List the contents and check if the file exists: tar tf files.tar | grep file1.txt #Extract the specific file with: tar xf files.tar files/file9.txt #create a tar.gz file and add -v: tar czfv files.tar.gz files #tar commands show additional information when you add the -v tag twice tar czfvv files.tar.gz files #remove the file using the --delete tag: tar --delete -f files.tar files/file9.txt #append the compressed files.tar.gz file to the files.tar archive: tar rf files.tar files.tar.gz #copy the existing files.tar file using the cp command: cp files.tar files_copy.tar tar Af files.tar files_copy.tar #create an archive and set the date to January 1st, 1999: tar cf files.tar files --mtime=1999-01-01 #extract the files with the current date and time: tar xf files.tar -m #Preserve original permissions: tar xf files.tar --preserve-permissions #The --to-command option instructs tar to send each extracted file to the standard output for an external program. tar xf files.tar --to-command='mkdir $TAR_FILENAME' #To automate daily backups, create a bash script and add the following lines: tar czf backup-$(date +%2023%12%12).tar.gz files find backup* -mtime +1 -delete tar.sh Displaying cpio.sh.