**TASK3**- Priyanshi Surana

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**Q1. Create a new user and at the same time you have to add that user into the group you have already created?**

**Ans-**

**Command:-**

**sudo useradd -g users -G wheel,developers nathan**

here,

Username is – nathan

Primary group- users

Secondary groups- wheel ,developers

**Q2. How to unzip or uncompress .bz2 file?**

**Ans-**

**(Important**: By default, **bzip2** deletes the input files during compression or decompression, to keep the input files, use the **-k** or **--keep** option.

**Compression - $ bzip2 filename**

**)**

Decompression - To decompress a **.bz2** file, make use of the **-d** or **--decompress** option like so:

**$ bzip2 -d filename.bz2**

// Note: The file must end with a **.bz2** extension for the command above to work.//

**Q3. Create archive + compressed file with extension .bz2 in that include some files with data and folders ?**

**Ans-**

* + Create a compressed file:

bzip file

Result:file.bz2

* + Decompresse a file:

bunzip file.bz2

* + Combining files in a compressed archive :

tar cfvj archive.tar.bz2 file1 file2

Result:archive.tar.bz2

* + Decompresse and extract an archive:

tar xfvj archive.tar.bz2

**Q4. Add a user and at the same time change the shell of user to /bin/sh from its default value /bin/bash?**

**Ans-**

( The -s (--shell) option allows you to specify the new user’s login shell. )

Create a new user  with /usr/bin/bash as a login shell type: -

**sudo useradd -s /usr/bin/bash username**

Check the user entry in the [/etc/passwd](https://linuxize.com/post/etc-passwd-file/) file to verify the user’s login shell:

**grep username /etc/passwd**

O/P :-

username:x:1001:1001::/home/username:/user/bin/bash