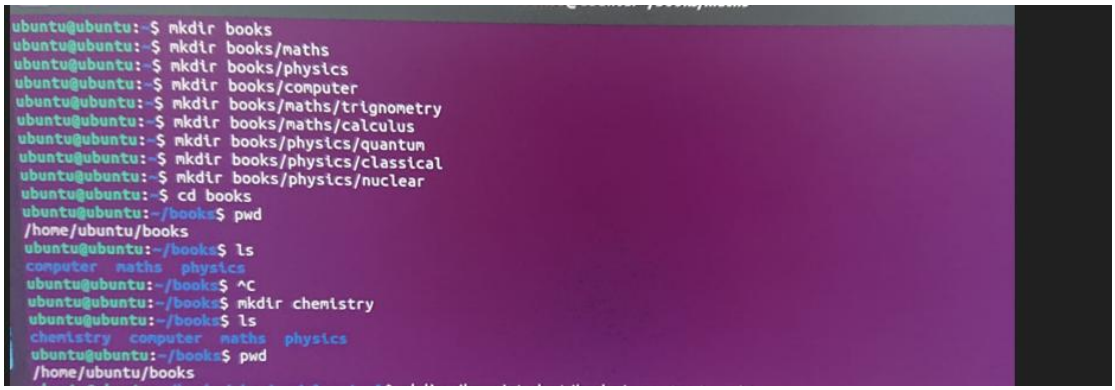
RIPHAH
INTERNATIONAL UNIVERSITY

Name : Salma Rani
Sap : Id 54194
Instructor : Mam Ayesha
Subject : Operating system(lab)
(Lab 3)

Task 1:

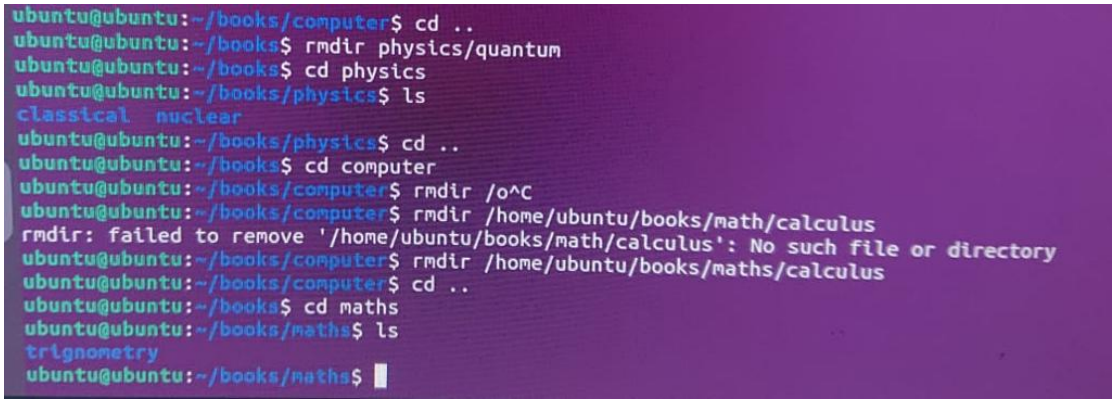


Task 2:

Relative Path → Because it does **not** start from the root /.It is written relative to your **home directory**.The **absolute path** would look like:/home/username/books/chemistry

Task 3:

Task 4:



Task 5:

Here are the main directory commands used in your case:

- **pwd** → *Print Working Directory*. Shows where you currently are.
- **ls** → *List*. Shows files and directories inside the current directory.
- **cd** → *Change Directory*. Moves you from one directory to another.
- **mkdir** → *Make Directory*. Creates a new folder.
- **rmdir** → *Remove Directory*. Deletes an empty folder.
- **rm -r** → *Remove recursively*. Deletes a directory even if it has files.
- . **(dot)** → Refers to the **current directory**.
- .. **(double dot)** → Refers to the **parent directory** (one step back).
- ~ **(tilde)** → Refers to the **home directory**.