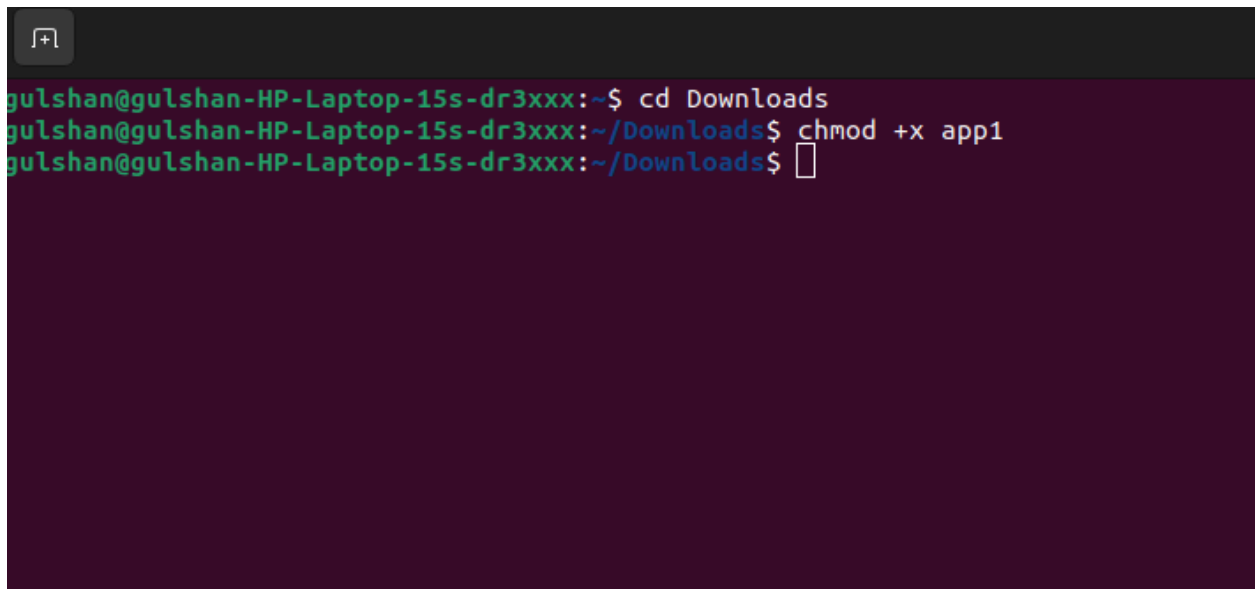# BTP allocation for offline usage
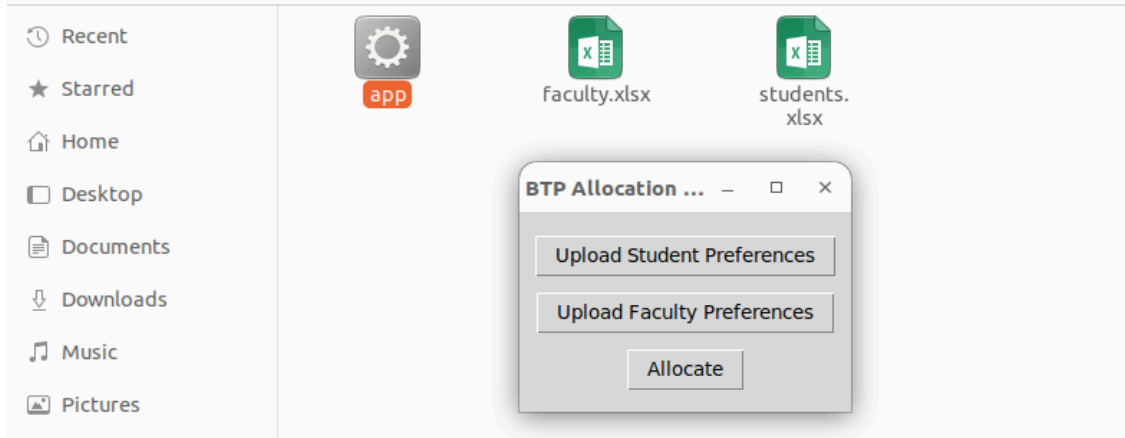
To run the GUI application directly

1. Go to the directory where the app GUI application file is stored .

2. First, right-click on the application and select "**Run**" This will open the Tkinter GUI window.
3. If you do not find the "**Run**" option and instead see the "Open" option, follow these steps:
4. Open a terminal and follow a below screenshot commands –
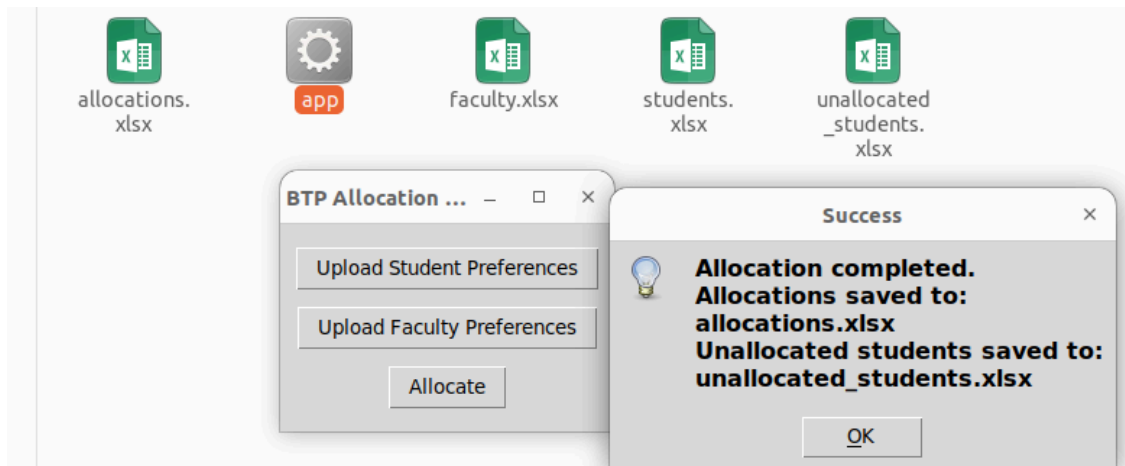
```
gulshan@gulshan-HP-Laptop-15s-dr3xxx:~$ cd Downloads
gulshan@gulshan-HP-Laptop-15s-dr3xxx:~/Downloads$ chmod +x app1
gulshan@gulshan-HP-Laptop-15s-dr3xxx:~/Downloads$ ▯
```

Then right click and "**Run**" the GUI application

5. Next, click on "**Upload Student Preferences**" and "**Upload Faculty Preferences**" in sequence order and then click on "**Allocate**".
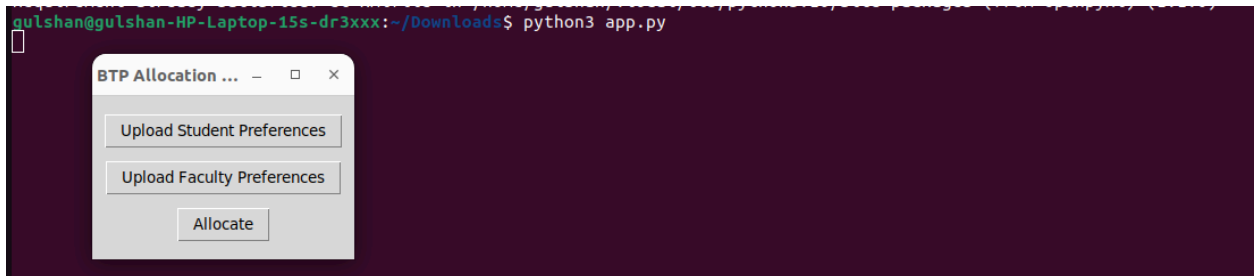

6.

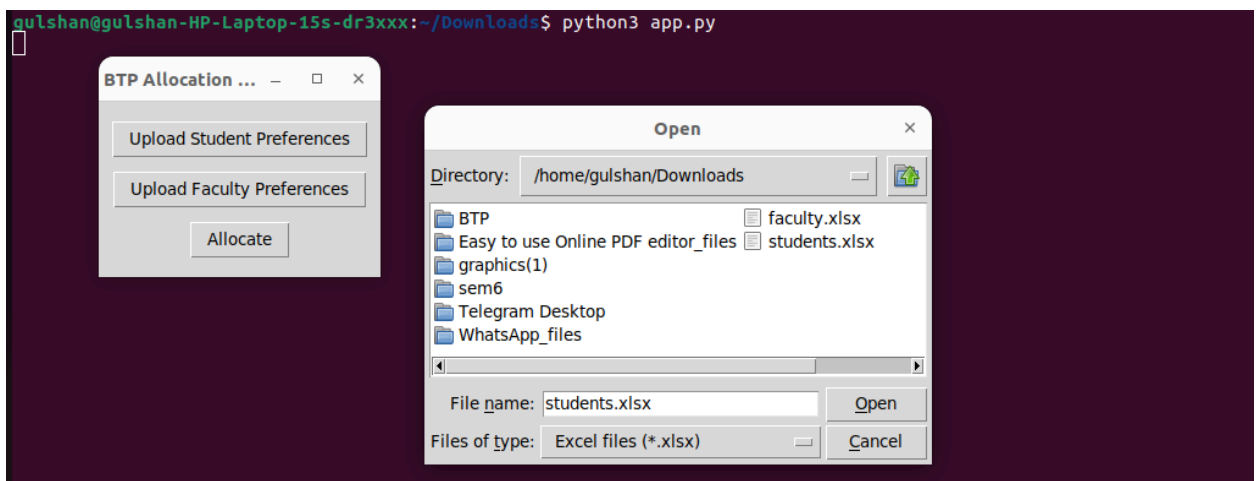# To Run with help of the code following steps must be followed

1.
```
gulshan@gulshan-HP-Laptop-15s-dr3xxx:~/Downloads$ pip install phyton
Defaulting to user installation because normal site-packages is not writeable
Requirement already satisfied: phyton in /home/gulshan/.local/lib/python3.10/site-packages (1.0.0a1)
```

2.
```
gulshan@gulshan-HP-Laptop-15s-dr3xxx:~/Downloads$ pip install openpyxl
Defaulting to user installation because normal site-packages is not writeable
Requirement already satisfied: openpyxl in /home/gulshan/.local/lib/python3.10/site-packages (3.1.4)
Requirement already satisfied: et-xmlfile in /home/gulshan/.local/lib/python3.10/site-packages (from openpyxl) (1.1.0)
```

3. Now go the directory where where code file is present

4.
```
gulshan@gulshan-HP-Laptop-15s-dr3xxx:~/Downloads$ python3 app.py
```


5. Select the student and faculty preference files in order.

6.Click on Allocate button then allocation and unallocated_students files will be save in the same folder as your app.py file.

Recent
★ Starred
⌂ Home
□ Desktop
🗏 Documents
⬇ Downloads
♫ Music
🖻 Pictures
🎞 Videos
🗑 Trash

allocations.
xlsx

app

faculty.xlsx

students.
xlsx

unallocated
_students.
xlsx

BTP Allocation ... — □ ✕

Upload Student Preferences

Upload Faculty Preferences

Allocate

Success ✕

**Allocation completed.
Allocations saved to:
allocations.xlsx
Unallocated students saved to:
unallocated_students.xlsx**

OK