Instructions to run

 # To use it online / on desktop

[Online link]

(https://harshthecoder.pythonanywhere.com)

 # To use it on android

Download the apk file from the github folder

 # Input file format

The two input csv files should have their names as group_file.csv and hostel_file.csv and their format

should be as

group_file.csv :-

StudentID,GroupID,Gender

......

hostel_file.csv :-

HostelName,Gender,Capacity

....

The two example files for testing purposes are added in the folder

group_file.csv

```
StudentID,GroupID,Gender
1,A,Male
2,A,Female
3,B,Male
4,B,Male
5,C,Female
6,C,Female
7,D,Male
8,D,Female
9,E,Male
10,E,Female
11,F,Male
12,F,Female
```
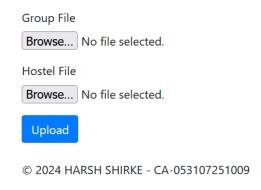
hostel_file.csv

```
HostelName,Gender,Capacity
BoysHostel1,Male,5
GirlsHostel1,Female,4
BoysHostel2,Male,3
GirlsHostel2,Female,3
```

Room Allocation App

Group File

Browse... No file selected.

Hostel File

Browse... No file selected.

Upload

group_file.csv and hostel_file.csv should be uploaded and the output will be displayed as follows :

Allocation Results

BoysHostel1

1 -	
3 -	
4 -	
7 -	
9 -	

GirlsHostel1

BoysHostel2

GirlsHostel2

you can click on GirlsHostel1, BoysHostel2, GirlsHostel2 to know their respective allocations.