

Running the Program

- Edit the file path in the 'run_experiments.py' file where the variable `instance_file_path` is defined. Now run this file 'run_experiments.py' and you will have the output
- To change the map , you just need to change your `instance_file_path` and give it a different file path and you will have another map.
- Switching between Disjoint and Standard Splitting: In 'run_experiments.py' file at line 49 and 50 there are solutions defined, unhash the one you need to perform and keep the other one hashed, by default the program will run standard splitting.

```
solution = cbs.find_solution(disjoint= "standard_splitting" ,a_star_version="a_star")
```

```
#solution = cbs.find_solution(disjoint= "disjoint_splitting" ,a_star_version="a_star")
```

- To run all the instances at once and get the result into the csv file, you need to add the path of your instances directory in the `instances_directory` variable at line 8 of 'test.py file' and add the path with the file name where you want to save the csv file in, at the variable name `csv_filename` at line 79 of the same file. Now run the test.py and csv file will be saved at the given path.