Place Recommendation for tourists based on tourist attraction.

Installation:

* Install Python 3.7 on your system.
* Install PyCharm.
* Install Flask library in Pycharm.
* Install Pandas, NumPy and scikit in Pycharm.
* Install MySQL database to store the data of cities.

Create table user with username and password as the parameters.

Create table register for entering the username, email and password.

Create table ratings for entering the cities and ratings given by the user.

* Cities.csv file contains the list of the cities which the user can choose.
* Ratings.csv file contains the userID, city ID and ratings given by the user for each city.

Implementation steps:

* Load the project in PyCharm.
* Install Flask library, you can go to File->Settings->Project interpreter , click the green + button (**Install**), type in **flask**, select **Flask** from the list then click **Install** Package.
* In the same way install MySQL in PyCharm along with Pandas, NumPy and scikit.
* Home.py is the main file which is to be run. It implements using user-user collaborative filtering algorithm.
* Item.py contains place recommendation using item item collaborative filtering algorithm.
* Nonper.py contains place recommendation using Non-Personalized algorithm.
* Templates folder contains HTML files where Home.html, Profile.html, Recommend.html and Register.html are included.