

## **To compile the code use below steps:**

1. Copy all the .cpp files and .hpp files in a folder. In the terminal go to the folder where .cpp and .hpp files are copied and run the below command in linux terminal

```
g++ -g -Wall -Wno-deprecated -Werror -std=gnu+  
+14 -I ../include collab_filter.hpp  
collab_filter.cpp readinputs.hpp readinputs.cpp  
main.cpp
```

The above command creates a.out executable

To Run the executable:

Use below format to run the executable

```
./a.out trainingRatings_data.txt testRatings.txt
```

The program takes 40 mins to complete the test ratings. By default it computes both Mean Square error and Root mean square error.