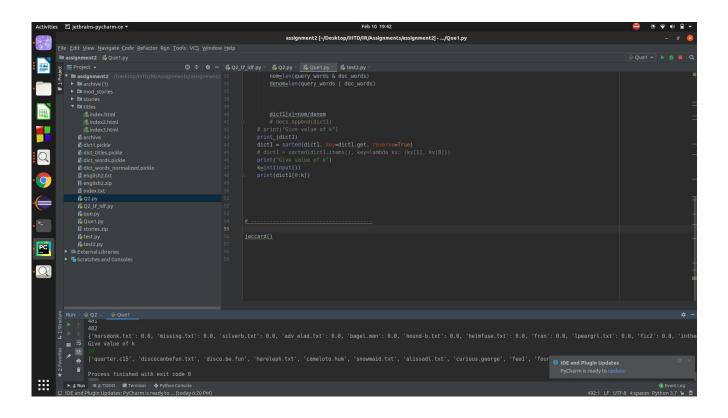
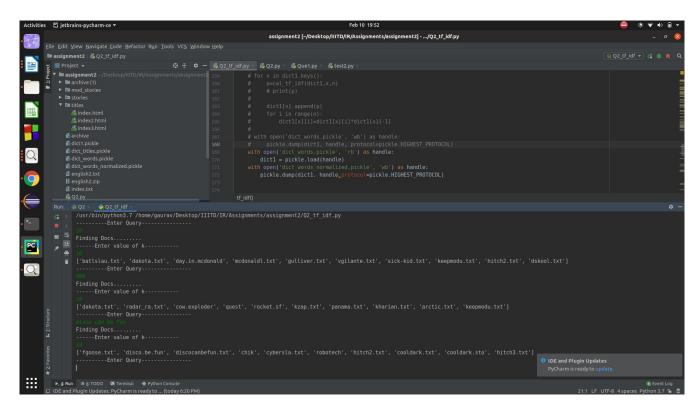
Analysis

Q(i). 1). Output:



This technique is biased towards the small documents but is fastest among the given techniques for the entire process. One more disadvantage is that we take more time after query entering in this technique.

2) Tf-Idf based document retrieval: Output:



In tf-idf based retrieval we don't consider tf of the query. But slightly fast than vector-based approach

3) Tf-Idf based vector space document retrieval:

In Tf-Idf based vector space document retrieval we considers the frequency of the term.

Variant comparison: I took 2 varients for determining tf in which varient2 is biased towards tf in the document so by using varient1 we can resolve this problem.

Q(ii):

