I/O

Using TextFile and a Map<Character,Integer>, create a program that takes the file name as a command line argument and counts the occurrence of all the different characters. Save the results in a text file.

Approach

Reading Input from File:

Utilized the Scanner class to open and read content from a file.
The content is read line by line until the end of the file.
The read content is stored in a string for further processing.
Counting Character Occurrences:

Used a HashMap where the key represents a character and the value is the count of occurrences of that character.
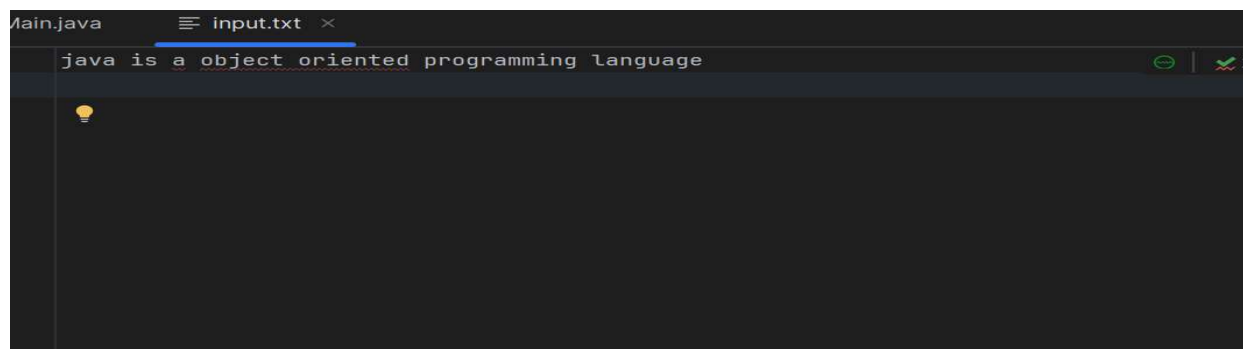Iterated over the string content, checking if each character is a letter.
For each letter, updated the count in the HashMap.
Writing Output to File:

Used FileWriter and PrintWriter to write the results to a file.
The character counts are written to the file, and the writer is closed after writing.

Output-

java is a object oriented programming language
{a=6, b=1, c=1, d=1, e=4, g=4, i=3, j=2, l=1, m=2, n=3, o=3, p=1, r=3, s=1, t=2, u=1, v=1}

Process finished with exit code 0

Main.java   input.txt ×

```
1    java is a object oriented programming language
2    {a=6, b=1, c=1, d=1, e=4, g=4, i=3, j=2, l=1, m=2, n=3, o=3, p=1, r=3, s=1, t=2, u=1, v=1}
3
```