```java
import java.io.*;
import java.util.*;

public class WordCountProgram {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        System.out.println("Enter 'text' to provide text input or 'file' to
provide a file path:");
        String inputType = scanner.nextLine();

        String text = "";

        if (inputType.equalsIgnoreCase("text")) {
            System.out.println("Enter the text:");
            text = scanner.nextLine();
        } else if (inputType.equalsIgnoreCase("file")) {
            System.out.println("Enter the file path:");
            String filePath = scanner.nextLine();

            try {
                BufferedReader reader = new BufferedReader(new
FileReader(filePath));
                String line;
                StringBuilder stringBuilder = new StringBuilder();

                while ((line = reader.readLine()) != null) {
                    stringBuilder.append(line);
                    stringBuilder.append(" ");
                }

                reader.close();
                text = stringBuilder.toString();
            } catch (IOException e) {
                System.out.println("Error reading the file: " +
e.getMessage());
                return;
            }
        } else {
            System.out.println("Invalid input type.");
            return;
        }

        String[] words = text.split("[\\s\\p{Punct}]+");
        int totalWordCount = words.length;

        System.out.println("Total word count: " + totalWordCount);
```

```
        // Count word frequency
        Map<String, Integer> wordFrequency = new HashMap<>();
        for (String word : words) {
            word = word.toLowerCase(); // Convert to lowercase to ignore case
            if (!word.isBlank()) { // Ignore empty strings
                wordFrequency.put(word, wordFrequency.getOrDefault(word, 0) +
1);
            }
        }

        // Display word frequency statistics
        System.out.println("Word frequency statistics:");
        for (Map.Entry<String, Integer> entry : wordFrequency.entrySet()) {
            System.out.println(entry.getKey() + ": " + entry.getValue());
        }
    }
}
```

Output

Enter 'text' to provide text input or 'file' to provide a file path:

text

Enter the text:

text

Total word count: 1

Word frequency statistics:

text: 1

PS C:\Users\DELL\Desktop\intership>