

1. Program to Count the Number of Lines in a Text File

Answer :-

```
def count_lines(filename):  
    try:  
        with open(filename, 'r') as file:  
            lines = file.readlines()  
            return len(lines)  
    except FileNotFoundError:  
        print(f"The file '{filename}' does not exist.")  
        return 0  
  
# Example usage  
filename = 'example.txt'  
line_count = count_lines(filename)  
print(f"Number of lines in '{filename}': {line_count}")
```

2. Program to Count the Number of Words in a Text File

Answer :-

```
def count_words(filename):  
    try:  
        with open(filename, 'r') as file:  
            text = file.read()  
            words = text.split()  
            return len(words)  
    except FileNotFoundError:  
        print(f"The file '{filename}' does not exist.")  
        return 0  
  
filename = 'example.txt'  
word_count = count_words(filename)  
print(f"Number of words in '{filename}': {word_count}")
```