

```

In [1]: ► def read_file(filename):
    try:
        with open(filename, 'r') as file:
            lines = file.readlines()
            return lines
    except FileNotFoundError:
        print("File not found.")
        return []

def navigate_file():
    while True:
        filename = input("Enter the filename (or 'q' to quit): ")

        if filename == 'q':
            break

        lines = read_file(filename)

        if not lines:
            continue

        line_count = len(lines)

        while True:
            print("Number of lines in the file:", line_count)
            line_number = input("Enter a line number (or 'q' to go back): ")

            if line_number == 'q':
                break

            try:
                line_number = int(line_number)
                if 1 <= line_number <= line_count:
                    line = lines[line_number - 1]
                    print("Line {}: {}".format(line_number, line))
                else:
                    print("Invalid line number. Please try again.")
            except ValueError:
                print("Invalid input. Please enter a line number or 'q' to")

navigate_file()

```

```

Enter the filename (or 'q' to quit): sudheer
File not found.
Enter the filename (or 'q' to quit): q

```

In []: ►