```
[haitais-mbp:java haitai$ pwd
/Users/haitai/Documents/Ethic/src/main/java
[haitais-mbp:java haitai$ ls -ltr
total 96
-rw-r--r--  1 haitai  staff   4529 Nov 22 18:52 Ethic.java
-rw-r--r--  1 haitai  staff  13282 Nov 22 21:55 Graph.java
-rw-r--r--  1 haitai  staff   4925 Nov 22 22:07 Ethic.class
-rw-r--r--  1 haitai  staff    972 Nov 22 22:07 Graph$Node.class
-rw-r--r--  1 haitai  staff   9196 Nov 22 22:07 Graph.class
[haitais-mbp:java haitai$ javac *.java
[haitais-mbp:java haitai$ java Ethic
Please provide the absolute path to your input file:  /Users/haitai/Documents/Ethic/InputFiles/sample_III.txt
/Users/haitai/Documents/Ethic/InputFiles/sample_III.txt
Graph Has Been Initialized
Creating graph: HJ4,HL3,HM4,HN10,JH4,JK5,KJ6,LH2,MH2,MN9,NM8
The distance of the route HMN.
13
The distance of the route HNM.
18
The distance of the route LHN.
12
The distance of the route LHMNMHJK
34
The number of trips starting at N and ending at K with a maximum of 3 stops
0
The number of trips starting at N and ending at K with a maximum of 5 stops
1
The number of different routes from L to M with a distance of less than 20
4
The number of different routes from L to M with a distance of less than 15
2
The number of different routes from L to M with a distance of less than 21
4
The length of the shortest route (in terms of distance to travel) from L to N
12
haitais-mbp:java haitai$ ▮
```