To Use This Code, you can type the following command in your terminal.

Compile: javac Fast\_Response\_K\_Server\_Problem.java

Run: java Fast\_Response\_K\_Server\_Problem Example Output:  java

Example Output:

java Fast\_Response\_K\_Server\_Problem

Generating 10 Clients with traffic as following

Generating 1-th server's traffic is 219

Generating 2-th server's traffic is 321

Generating 3-th server's traffic is 63

Generating 4-th server's traffic is 965

Generating 5-th server's traffic is 126

Generating 6-th server's traffic is 12

Generating 7-th server's traffic is 653

Generating 8-th server's traffic is 189

Generating 9-th server's traffic is 288

Generating 10-th server's traffic is 410

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The 1-th server locates at 4

Minimum Total Traffic of 10 Client Machines and 1 Servers is 8017

Minimum Total Traffic Problem Costs 111 Steps