

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
```

```
*****
```

```
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
```