Sample input/output:

Red: input

Black: output

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\* DAY 0 \*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Please choose your action:

-------------------------------------------------------------------------------

Enter 1 --------> Measures

Enter 2 --------> Show Status

Enter 3 --------> Show Background Information

Enter 0 --------> Quit (your current status will not be recorded)

-------------------------------------------------------------------------------

1

-------------------------------------------------------------------------------

News: The epidemic prevention work is progressing step by step.

-------------------------------------------------------------------------------

Please choose the action you want to take

-------------------------------------------------------------------------------

Enter 1 ---------> Tightening quarantine policy

Enter 2 ---------> Distribute free disinfection materials

Enter 3 ---------> Organize medical teams for rescue

Enter 4 ---------> Develop up-to-date vaccine

Enter 5 ---------> Spread fake news to exaggerate your contributions

Enter 6 ---------> Raise donations worldwide

Enter 7 ---------> Provide additional assistance to poor areas

-------------------------------------------------------------------------------

65

-------------------------------------------------------------------------------

Invalid operation, you waste a day

-------------------------------------------------------------------------------

-------------------------------------------------------------------------------

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\* DAY 1 \*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Please choose your action:

----------------------------------------------------------------------------------------------

Enter 1 --------> Measures

Enter 2 --------> Show Status

Enter 3 --------> Show Background Information

Enter 0 --------> Quit (your current status will not be recorded)

-------------------------------------------------------------------------------

3

-------------------------------------------------------------------------------

-------------------------------------------------------------------------------

You are the leader of WHO, see whether you can beat the COVID. Here is the information

-------------------------------------------------------------------------------

1. Normal quarantine (accept flight, ship but need 14 days quarantine),

a) Support rate -10%

b) Funding -10b

c) Infection -5%

2. Absolute quarantine (no flight, ship, cars enter the country)

a) Support rate -30%

b) Funding -20b

c) Infection rate -20%

3. Distribution of disinfection materials

a) Support rate +10%

b) Funding -20b

c) Infection rate -10%

d) Death rate -0.1%

4. Organize medical teams for rescue

a) Support rate +10%

b) Funding -20b

c) Death rate -0.3%

5. Focus on vaccine development

a) Funding -40b

b) Support rate +10%

c) Infection rate -20%

d) Death rate -0.1%

6. Fake news to exaggerate your contributions

a) Funding +20b

b) Support rate +10%

c) Infection rate +10%

7. Raise donations worldwide

a) Funding +20b

b) Support rate -20%

8. Additional assistance to poor areas

a) Support rate +10%

b) Funding -20b

c) Death rate -0.3%

d) Infection rate -10%

-------------------------------------------------------------------------------

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\* DAY 1 \*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Please choose your action:

-------------------------------------------------------------------------------

Enter 1 --------> Measures

Enter 2 --------> Show Status

Enter 3 --------> Show Background Information

Enter 0 --------> Quit (your current status will not be recorded)

-------------------------------------------------------------------------------2

-------------------------------------------------------------------------------

\*\*\*\*\*\* Total funding (in $billion): 100 \*\*\*\*\*\*

\*\*\*\*\*\* Support rate (in %): 100 \*\*\*\*\*\*

\*\*\*\*\*\* Infection rate (in %): 50 \*\*\*\*\*\*

\*\*\*\*\*\* Death rate (in %): 1 \*\*\*\*\*\*

-------------------------------------------------------------------------------

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\* DAY 1 \*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Please choose your action:

-------------------------------------------------------------------------------

Enter 1 --------> Measures

Enter 2 --------> Show Status

Enter 3 --------> Show Background Information

Enter 0 --------> Quit (your current status will not be recorded)

-------------------------------------------------------------------------------

1

-------------------------------------------------------------------------------

News: The epidemic prevention work is progressing step by step.

-------------------------------------------------------------------------------

Please choose the action you want to take

-------------------------------------------------------------------------------

Enter 1 ---------> Tightening quarantine policy

Enter 2 ---------> Distribute free disinfection materials

Enter 3 ---------> Organize medical teams for rescue

Enter 4 ---------> Develop up-to-date vaccine

Enter 5 ---------> Spread fake news to exaggerate your contributions

Enter 6 ---------> Raise donations worldwide

Enter 7 ---------> Provide additional assistance to poor areas

-------------------------------------------------------------------------------2

-------------------------------------------------------------------------------

-------------------------------------------------------------------------------

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\* DAY 2 \*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Please choose your action:

-------------------------------------------------------------------------------

Enter 1 --------> Measures

Enter 2 --------> Show Status

Enter 3 --------> Show Background Information

Enter 0 --------> Quit (your current status will not be recorded)

-------------------------------------------------------------------------------

1

-------------------------------------------------------------------------------

Breaking News: The virus mutated again.

-------------------------------------------------------------------------------

Please choose the action you want to take

-------------------------------------------------------------------------------

Enter 1 ---------> Tightening quarantine policy

Enter 2 ---------> Distribute free disinfection materials

Enter 3 ---------> Organize medical teams for rescue

Enter 4 ---------> Develop up-to-date vaccine

Enter 5 ---------> Spread fake news to exaggerate your contributions

Enter 6 ---------> Raise donations worldwide

Enter 7 ---------> Provide additional assistance to poor areas

-------------------------------------------------------------------------------4

-------------------------------------------------------------------------------

The newly developed vaccine is very effective

-------------------------------------------------------------------------------

-------------------------------------------------------------------------------

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\* DAY 3 \*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Please choose your action:

-------------------------------------------------------------------------------

Enter 1 --------> Measures

Enter 2 --------> Show Status

Enter 3 --------> Show Background Information

Enter 0 --------> Quit (your current status will not be recorded)

-------------------------------------------------------------------------------

1

-------------------------------------------------------------------------------

Breaking News: Prices are rising and epidemic prevention spending is exceeding the budget.

-------------------------------------------------------------------------------

Please choose the action you want to take

-------------------------------------------------------------------------------

Enter 1 ---------> Tightening quarantine policy

Enter 2 ---------> Distribute free disinfection materials

Enter 3 ---------> Organize medical teams for rescue

Enter 4 ---------> Develop up-to-date vaccine

Enter 5 ---------> Spread fake news to exaggerate your contributions

Enter 6 ---------> Raise donations worldwide

Enter 7 ---------> Provide additional assistance to poor areas

-------------------------------------------------------------------------------6

-------------------------------------------------------------------------------

The donation was supported by many countries

-------------------------------------------------------------------------------

-------------------------------------------------------------------------------

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\* DAY 4 \*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Please choose your action:

-------------------------------------------------------------------------------

Enter 1 --------> Measures

Enter 2 --------> Show Status

Enter 3 --------> Show Background Information

Enter 0 --------> Quit (your current status will not be recorded)

-------------------------------------------------------------------------------1

-------------------------------------------------------------------------------

Breaking News: The holiday is coming and people are eager to travel.

-------------------------------------------------------------------------------

Please choose the action you want to take

-------------------------------------------------------------------------------

Enter 1 ---------> Tightening quarantine policy

Enter 2 ---------> Distribute free disinfection materials

Enter 3 ---------> Organize medical teams for rescue

Enter 4 ---------> Develop up-to-date vaccine

Enter 5 ---------> Spread fake news to exaggerate your contributions

Enter 6 ---------> Raise donations worldwide

Enter 7 ---------> Provide additional assistance to poor areas

-------------------------------------------------------------------------------

1

-------------------------------------------------------------------------------

Enter 1 ---> Normal quarantine (accept flight, ship but need 14 days quarantine)

Enter 2 ---> Absolute quarantine (no flight, ship, cars enter the country)

-------------------------------------------------------------------------------

2

-------------------------------------------------------------------------------

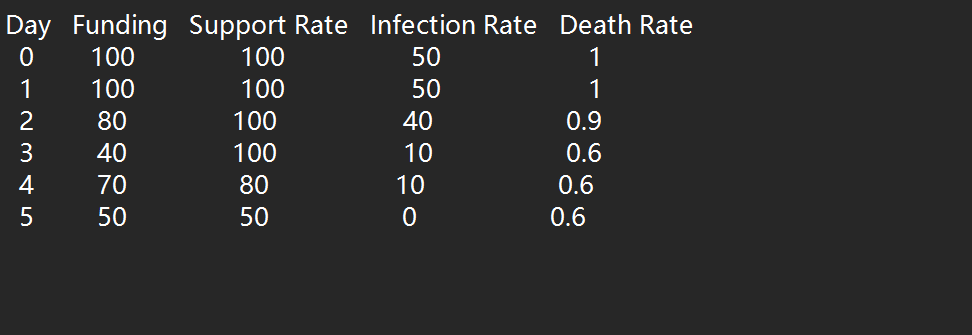
Long periods of quarantine have discouraged people from travelling

-------------------------------------------------------------------------------

-------------------------------------------------------------------------------

YOU HAVE BEAT THE COVID !!!

-------------------------------------------------------------------------------



Then the data of each day will store in a “dailyInfo.txt” file.