Question Text:

Title : Lockdown Management:

Create a class State with the below attributes:

state_id of type Number
state_name of type String
affected_count of type Number
days_of_lockdown of type Number

Create the __init__ method which takes all parameters in the above sequence. The method should set the value of attributes to parameter values .

Create a method inside the class with the name **increase_lockdown**. This method takes a Number value as argument which is the number of weeks by which the lockdown period should be increased and increases the days_of_lockdown count accordingly.

e.g. If the days_of_lockdown is 14 and the given number_of_weeks is 3, then the updated days_of_lockdown of the state should be 35 and return the same.

Create another class Country with the below attributes:
country_name of type String
state_list of type List having State objects

Create the __init__ method which takes all parameters in the above sequence. The method should set the value of attributes to parameter values inside the method.

Create another method inside the class with the name
calculate_increase_in_lockdown_period.
The method takes the increase in number of lockdown weeks as first argument and state_id as the second argument . The method should find the respective state, whose state_id is given as in the argument , increment the days_of_lockdown as per the given days and return the respective state object with the extended days_of_lockdown.

If the state with given state_id is not found , then the method returns **None .**
Note: In Python None means NULL Object , Accordingly default mail will display the message 'No state Exists '

If the number of weeks of lockdown extension is less than equals to zero , then return the object as it is , means there would not be any chages to the days_of_lockdown.

For more clarity on the above boundary validations, please refer the default main function.

Note:
Use the method increase_lockdown defined in the State class to calculate the extended lockdown period of the states .

Sample Input (below) description:
The 1st input taken in the main section is the number of State objects to be added to the list of States.

The next set of inputs are the state_id, state_name, affected_count and days_of_lockdown for each state taken one after other and is repeated for number of objects given in the first line of input

The last but one line of input refers the state_id, whose days_of_lockdown needs to be extended with with given number of weeks , mentioned in the last line

Sample Input:

```
4
100
Maharashtra
1500
21
101
Tamil Nadu
700
14
102
Delhi
500
14
103
Karnataka
700
14
102
3
```

Output:

```
Delhi    35
```

For more clarity on Input/Output and Input data processing, please refer to the main section of code , You can use this section to test your code.