

# First example of AI - Rule Based AI

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In [1]: import datetime
```

```
In [ ]: while True:
    ## get the name of the city from the user
    city = input("Enter city: ")
    ## get the current time
    current_time = datetime.datetime.now()
    print(current_time)

    #get hours, minutes and seconds of the current time
    hour = current_time.hour
    minute=current_time.minute
    second = current_time.second
    print(hour, minute, second)

    # check for case 1 as Boston
    if city=='Boston':
        hour=hour-4
    elif city == 'Tokyo':
        hour=hour+9
    elif city=='USA':
        hour=hour-7
    elif city=='Exit':
        break
    else:
        print("this city is not added in database")
        city="GMT"

    print(city, str(hour) + ":" + str(minute) + ":" + str(second))
```

```
Enter city: cdsfs
2022-02-19 10:24:29.259398
10 24 29
this city is not added in database
GMT 10:24:29
```

```
In [ ]:
```