**ACM 114 Homework 1**

1. It is possible to name the days 0 through 6 where day 0 is Sunday and day 6 is Saturday. You want go on a summer holiday and you want to make reservation for it. You decided to go at next Thursday (day number 4) for 12 nights, you would return home on a Tuesday (day 2).

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Day index | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| Day name | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |

Write a python script which asks for the starting day number, and how many nights you want to go to holiday residence, and it will tell you the number of day of the week you will return on.

1. Write a python script that lets the user enter monthly air pollution amount for each of 12 months into tuple. The program should calculate and print the total pollution amount within a year, average monthly pollution rate, the index of the months of with highest and lowest amounts.

**Note:** Do not take copy of the answers from your friends since system is going to share similarity index for homework which compares all student grades plus academic resources on the internet.

**Good Luck**