

▼ Question-1:

Write a program that reads in an integer denoting the number of days. It prints the number of years, months and days that constitute the input number of days.

Input: Number of Days

Output: x years y months z days

Sample Input: 403

Sample Output: 1 year 1 month 13 days

NOTE: Assume that all months have 30 days so, all years have 360 days.

HINT: Use modulus (%) and division (/) operators

```
print('Enter the No of Days')
k=int(input())
x=k//360
y=((k%360)//30)
z=((k%360)%30)
print('{} year {} month {} days'.format(x,y,z))
```

```
Enter the No of Days
403
1 1 13
1 years 1 months 13 days
```

▼ Question-2:

Write a program to swap the values of two integer numbers entered by the user, and display the new numbers. Do this with and without using a third variable.

```
print('enter the two numbers')
a=input()
b=input()
print('Before swaping: a={} and b={}'.format(a,b))
a,b=b,a
print('After swaping: a={} and b={}'.format(a,b))
```

```
enter the two numbers
```

```
1
5
Before swaping: a=1 and b=5
After swaping: a=5 and b=1
```

▼ Question-3:

Write a code to take an input integer from the user and print the following pattern as indicated in the sample input and output.

Sample Input 0: 3

Sample Output 0:

```
* * *
* *
*
```

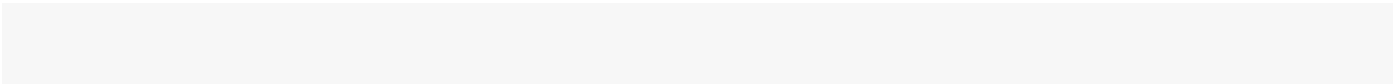
Sample Input 1: 5

Sample Output 1:

```
* * * * *
* * * *
* * *
* *
*
```

```
k=int(input())
for i in range(k-1,-1,-1):
    s=''
    for j in range(i+1):
        s=s + '*'
    print(s)
```

```
5
*****
****
***
**
*
```



✓ 2s completed at 6:04 PM ● ✕