```python
import calendar
y=int(input("enter the year"))
m=1
cal=calendar.TextCalendar(calendar.SUNDAY)
i=1
while(i<=12):
    cal.prmonth(y,i)
    i+=1
```

```
# SANJAY PROGRAM:5
n= int(input("entre the number of lines"))
for i in range(1,n+1):
    for s in range(1,i):
        print(" ",end='')
    for j in range(n,i,-1):
        print("*",end=' ')
    print()
```

IDLE Shell 3.10.4

File Edit Shell Debug Options Window
Help

```
Python 3.10.4 (tags/v3.10.4:
9d38120, Mar 23 2022, 23:13:
41) [MSC v.1929 64 bit (AMD6
4)] on win32
Type "help", "copyright", "c
redits" or "license()" for m
ore information.
>>>

= RESTART: C:/Users/USER/App
Data/Local/Programs/Python/P
ython310/hallow square.py
>>> entre the number of lines6
* * * * *
  * * * *
    * * *
      * *
        *

>>>
```

File   Edit   Format   Run   Options   Window   Help

```
#SANJAY PROGRAM:2
n=int(input("enter the number of lines"))
for i in range(0,n+1):
    for j in range(0,n+1):
        print("*",end=' ')
    print()
print("\n")
for k in range(0,n+1):
    for l in range(0,n+4):
        print("$",end=' ')
    print()
```

*IDLE Shell 3.1...   —   □   ✕

File   Edit   Shell   Debug   Options
Window   Help

```
Python 3.10.4 (tags/v3.1
0.4:9d38120, Mar 23 2022
, 23:13:41) [MSC v.1929
64 bit (AMD64)] on win32
Type "help", "copyright"
, "credits" or "license(
)" for more information.
>>>
 = RESTART: C:/Users/USER
/AppData/Local/Programs/
Python/Python310/hallow
square.py
enter the number of line
s5
* * * * * *
* * * * * *
* * * * * *
* * * * * *
* * * * * *
* * * * * *

$ $ $ $ $ $ $ $ $
$ $ $ $ $ $ $ $ $
$ $ $ $ $ $ $ $ $
$ $ $ $ $ $ $ $ $
$ $ $ $ $ $ $ $ $
$ $ $ $ $ $ $ $ $
>>>
 = RESTART: C:/Users/USER
```

File Edit Format Run Options Window Help

```python
#SANJAY PROGRAM:4
n=int(input("enter the number to be printed: "))
m=int(input("Max Number of time printed"))
for i in range(0,m+1):
    for j in range(0,i):
        print(n,end='')
    print()
for k in range(0,m-1):
    for l in range(m-1,k,-1):
        print(n,end='')
    print()
```

*IDLE Shell 3.1...   —   ☐   ✕

File Edit Shell Debug Options
Window Help

```
Python 3.10.4 (tags/v3.1
0.4:9d38120, Mar 23 2022
, 23:13:41) [MSC v.1929
64 bit (AMD64)] on win32
Type "help", "copyright"
, "credits" or "license(
)" for more information.
>>>

= RESTART: C:/Users/USER
/AppData/Local/Programs/
Python/Python310/hallow
square.py
>>> enter the number to be p
rinted: 121
Max Number of time print
ed3

121
121121
121121121
121121
121
>>>
= RESTART: C:/Users/USER
/AppData/Local/Programs/
Python/Python310/hallow
square.py
enter the number to be p
rinted: |
```

Edit Format Run Options Window Help

ANJAY PROGRAM:5

```
int(input("entre the number of lines"))
c i in r
  for s
      pr
for j
      pr
print (
```

File Edit Format Run Options Window H

```
#SANJAY
m=int(input("m="))
n=int(input("n="))
def calculator():
    s=m+n
    mul=m*n
    sub=m-n
    div=m/n
    M=m%n
    e=m**n
    fd=m//n
    print("addition          :",s)
    print("subtraction       :",sub)
    print("multiplication :",mul)
    print("division          :",div)
    print("exponent          :",e)
    print("floor division :",fd)
print("calculator : ",calculator())
```

File   Edit   Format   Run   Options   Window   Help

```python
#Sanjay hallow shpere
n=int(input("enter the number of rows"))
for i in range(0,n+1):
    for j in range(0,n+1):
        if(i==0 or j==0):
            print("*",end="")
        elif(i==n or j==n):
            print("*",end="")
        else:
            print(" ",end="")
    print()
```

IDLE Shell 3.10.5   —   □   ✕

File   Edit   Shell   Debug   Options
Window   Help

```
Python 3.10.5 (tags/v3.10.5
:1377153, Jun  6 2022, 16:1
4:13) [MSC v.1929 64 bit (A
MD64)] on win32
Type "help", "copyright", "
credits" or "license()" for
more information.
>>>
============ RESTART: C:/Use
rs/Puli Bhavani/harsha py h
allow square.py ============
enter the number of rows5
******
*    *
*    *
*    *
*    *
******
>>>
```

86°F
Partly sunny

File   Edit   Format   Run   Options   Window   Help

```python
#SANJAY PROGRAM:3
n=int(input("enter the size of the rectangele"))
s=input("enter the symbol : ")
for i in range(0,n+1):
    for j in range(0,n+3):
        print(s,end=' ')
    print()
```

IDLE Shell 3.1...   —   ☐   ✕

File   Edit   Shell   Debug   Options
Window   Help

```
Python 3.10.4 (tags/v3.1
0.4:9d38120, Mar 23 2022
, 23:13:41) [MSC v.1929
64 bit (AMD64)] on win32
Type "help", "copyright"
, "credits" or "license(
)" for more information.
>>>
= RESTART: C:/Users/USER
/AppData/Local/Programs/
Python/Python310/hallow
square.py
enter the size of the re
ctangele5
enter the symbol : !
! ! ! ! ! ! ! !
! ! ! ! ! ! ! !
! ! ! ! ! ! ! !
! ! ! ! ! ! ! !
! ! ! ! ! ! ! !
! ! ! ! ! ! ! !
>>>
```