

File Edit Format Run Options Window Help

```
#SANJAY PG2 PRGM 3
m=int(input("M = "))
n=int(input("N = "))
if(m>0 and n > 0):
    for i in range(1,n+1):
        print(m,"*",i,"=",m*i)
else:
    print("enter the number which is greater than 0")
```

 IDLE Sh... - X

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 (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.

>>>
= RESTART: C:/Users/USER/Dropbox/My PC (LAPTOP-36R5N85L)/Documents/sanjay python programs/pg2 q3.py
M = 4
N = 5
4 * 1 = 4
4 * 2 = 8
4 * 3 = 12
4 * 4 = 16
4 * 5 = 20
>>>
```

string.py - C:/Users/USER/Dropbox/My PC (LAPTOP-36R5N85L)/Documents/sanjay python programs/string.py (3.10.4)

File Edit Format Run Options Window Help

```
#SANJAY
s=input("enter the string : ")
count=0
for i in range(len(s)):
    if(s[i].isalpha()):
        continue
    elif(s[i].isdigit()):
        continue
    else:
        count=count+1
        print("the special characters are",s[i])
print("no of special character is ",count)

print(s[3])
```



*prgm3.py - C:\Users\USER\Dropbox\My PC (LAPTOP-36R5N85L)

File Edit Format Run Options Window Help

```
#SANJAY|  
for i in range(6,1,-1):  
    for k in range(0,5):  
        print("",end="")  
    for j in range(1,i+1):  
        print("*",end=" ")  
    print()
```

```
("enter the grade")
(input("enter salary "))
0000 and s=='A')-
nt("2% *ep5 day4.py - C:\Users\USER\Dropbox\My PC (LAPTOP-36R5N85L)\Docum
=10000
it("2% File Edit Format Run Options Window Help
'A'): #SANJAY
t("5% n=int(input ("enter the number of lines : "))
for i in range(1,n+1):
    for j in range(1,n+1):
        print("$",end=' ')
    print()
```

py - C:/Users/USER/Dropbox/My PC (LAPTOP-36R5N85L)/Documents/sa

Edit Format Run Options Window Help

JAY

ut("enter the grade")

at(in
=1000
cint(File Edit Format Run Options Window Help

n<10
rint(
=='A
int(#SANJAY|

```
def fib(n):
    if (n<2):
        return 1
    return fib(n-1)+fib(n-2)
int()
n= int(input("enter the number "))
print("0")
for i in range(0,n):
    print(fib(i))
    if (i>n):
        break
```

Dropbox

Options Window Help

```
grade")
er salary"))
'A'):
% bonus ",n+n*5/100+n*2/100)
='B'):
0%
```

*ep1.py - C:\Users\USER\Dropbox\My PC (LAPTOP-36R5N85L)\Docu

",r File Edit Format Run Options Window Help

```
#SANJAY program 1
n=int(input("enter the number : "))
if(n%2==0):
    print(n,"is even number")
else:
    print(n,"is odd number")
```

*pat.py - C:/Users/USER/Dropbox/My PC (LAPTOP-36R5N85L)/Documents/sanjay python

File Edit Format Run Options Window Help

```
#SANJAY
s=input("enter the grade")
n=float(input("enter salary "))
if(n<=10000 and s=='A'):
    print("2% and 5% bonus ",n+n*5/100+n*2/100)
elif(n<=10000 and s=='B'):
    print("2% and 10% bonus ",n+n*10/100+n*2/100)
elif(s=='A'):
    print("5% bonus ",n+n*5/100)
else:
    print("error")
```

*dictionary program.py - C:/Users/USER/Dropbox/My PC (LAPTOP-36R5N85L)/Documents/sanjay python programs/dictionary program

File Edit Format Run Options Window Help

```
#SANJAY PROGRAM 5
d={'s1':2,'s2':5,'s3':6,'s4':1,'s5':7}
if(d['s1']>d['s2'] and d['s1']>d['s3'] and d['s1']>d['s4'] and d['s1']>d['s5']):
    print("s1 is topper of marks ",d['s1'])
elif(d['s2']>d['s1'] and d['s2']>d['s3'] and d['s2']>d['s4'] and d['s2']>d['s5']):
    print("s2 is topper of marks ",d['s2'])
elif(d['s3']>d['s1'] and d['s3']>d['s2'] and d['s3']>d['s4'] and d['s3']>d['s5']):
    print("s3 is topper of marks ",d['s3'])
elif(d['s4']>d['s1'] and d['s4']>d['s2'] and d['s4']>d['s3'] and d['s4']>d['s5']):
    print("s4 is topper of marks ",d['s4'])
else:
    print("s5 is topper of marks ",d['s5'])
```

```
sanj.py - C:/Users/USER/Dropbox/My PC (LAPTOP-36R5N85L)/Documents/sanjay python programs
File Edit Format Run Options Window Help
s=[]
for i in range(1,8):
    m=int(input())
    s.append(m)
print(s)
s.sort()
print(s)
M=int(input("th Maximum Number = "))
N=int(input("th Minimum Number = "))
print("mth maximum number is ",s[len(s)-M])
print("nth minimum number is ",s[0+N-1])
sum=s[len(s)-M]+s[0+N-1]
difference=s[len(s)-M]-s[0+N-1]
print("sum=",sum)
print("difference=",difference)
```

```
IDLE Shell 3.10.4
File Edit Shell Debug Options Window Help
Python 3.10.4 (tags/v3.10.4:9d38120, Mar 23 202
2, 23:13:41) [MSC v.1929 64 bit (AMD64)] on win
32
Type "help", "copyright", "credits" or "license"
() for more information.
>>>
= RESTART: C:/Users/USER/Dropbox/My PC (LAPTOP-
36R5N85L)/Documents/sanjay python programs/sanj
.py
14
15
87
36
25
89
34
[14, 15, 87, 36, 25, 89, 34]
[14, 15, 25, 34, 36, 87, 89]
th Maximum Number = 1
th Minimum Number = 3
mth maximum number is 89
nth minimum number is 25
sum= 114
difference= 64
>>>
```

patternd.py - C:/Users/USER/Dropbox/My PC (LAPTOP-36R5N85

File Edit Format Run Options Window Help

```
n=int(input("enter the number of lines"))
m=int(input("enter the number"))
for i in range(1,n+1):
    for j in range(1,i+1):
        print(m,end=' ')
    print()
for i in range(0,n-1):
    for k in range(n-1,i,-1):
        print(m,end=' ')
    print()
```

*sanj.py - C:/Users/USER/Dropbox/My PC (LAPTOP-36R5N85L)/Documents/sanjay py

File Edit Format Run Options Window Help

```
#sanjay
s=[]
for i in range(1,8):
    m=int(input())
    s.append(m)
print(s)
s.sort()
print(s)
M=int(input("th Maximum Number = "))
N=int(input("th Minimum Number = "))
print("mth maximum number is ",s[len(s)-M])
print("nth minimum number is ",s[0+N-1])
sum=s[len(s)-M]+s[0+N-1]
difference=s[len(s)-M]-s[0+N-1]
print("sum=",sum)
print("difference=",difference)
```