```
0 1 2 4 5

[Program finished]
```

```python
#write a python program that prints all the numbers
from 0 to 6 except 3 and 6.
for x in range(6):
    if(x == 3 or x==6):
        continue
    print(x, end=' ')
print("\n")
```

```
The HCF is 100

[Program finished]
```

```python
# hcf of two numbers
def compute_hcf ( x,    ) :
    while ( y ) :
        x, y = y, x % y
    return x

hcf = compute_hcf ( 300, 400 )
print ( " The HCF is" , hcf )
```

```
enter the number: 17
17 x 1 = 17
17 x 2 = 34
17 x 3 = 51
17 x 4 = 68
17 x 5 = 85
17 x 6 = 102
17 x 7 = 119
17 x 8 = 136
17 x 9 = 153
17 x 10 = 170

[Program finished]
```

```python
#printing multiplication table
num=int(input('enter the number:'))
for i in range(1,11):
    print(num,'x',i,'=',num*i)
```

```
0
1
1
2
3
5
8
13
21
34

[Program finished]
```

```python
# fibonacci series
def fib ( n ) :
    a=0
    b=1
    if n==1 :
        print ( a )
    else :
        print ( a )
        print ( b )
        for i in range ( 2 , n ) :
            c=a+b
            a=b
            b=c
            print ( c )
fib( 10 )
```

```
enter x for exit
enter a number in binary form:010111
010111 in decimal 23

[Program finished]
```

```python
#converting binary to decimal
print('enter x for exit')
binary=input('enter a number in binary form:')
if binary=='x':
    exit()
else:
    decimal=int(binary,2)
    print(binary,'in decimal',decimal)
```
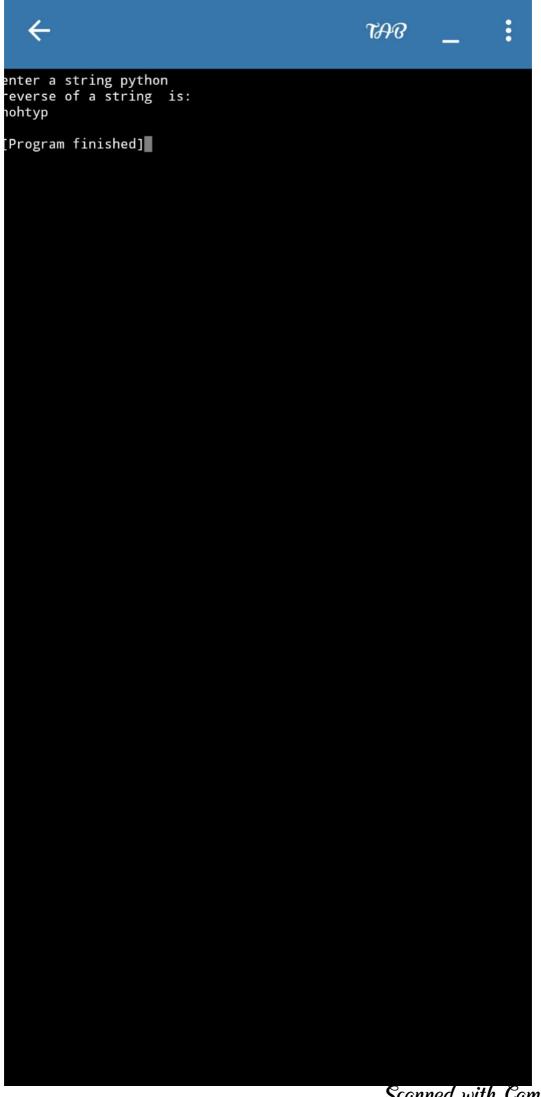
```
enter number of elements:6
enter elements:1
enter elements:2
enter elements:3
enter elements:4
enter elements:5
enter elements:6
the even numbers list is  [2, 4, 6]
the odd numbers list is  [1, 3, 5]

[Program finished]
```

```python
#printing even and odd numbers in n numbers
a=[ ]
n=int( input( 'enter number of elements:' ) )
for i in range( 1,n+1 ):
    b=int( input( 'enter elements:' ) )
    a.append( b )
even=[ ]
odd=[ ]
for j in
    if( j%2==0 ):
        even.append( j )
    else:
        odd.append( j )
print( 'the even numbers list is ' ,even )
print( 'the odd numbers list is ' ,odd )
```

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

[Program finished]
```

```
1   # printing a star pattern
2   n=4
3   row=0
4   while row<n:
5       star=row+1
6       while star>0:
7           print(" * ",end=" " )
8           star=star-1
9       row=row+1
10      print()
```

```
enter a string python
reverse of a string  is:
nohtyp

[Program finished]
```

```
1  #reversing of a string
2  a=str ( input ( 'enter a string' ) )
3  print ( 'reverse of a string is:' )
4  print ( a [ ::-1 ] )
```