

```
Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:06:47) [MSC v.1914 32 bit (Intel)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/exercise 1.py
python programming
>>>
RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/exercise 2.py
enter a string:python programming
python programming
>>>
RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/exercise 1.py
enter a string:python programming
python programming
>>>
RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/THE ARITHMETIC OPERATIONS.PY
enter a :9
enter b:2
Traceback (most recent call last):
  File "C:/Users/sse/AppData/Local/Programs/Python/Python37-32/THE ARITHMETIC OPERATIONS.PY", line
    sub_l=a-b
TypeError: unsupported operand type(s) for -: 'str' and 'str'
>>>
RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/THE ARITHMETIC OPERATIONS.PY
enter a :9
enter b:2
Traceback (most recent call last):
  File "C:/Users/sse/AppData/Local/Programs/Python/Python37-32/THE ARITHMETIC OPERATIONS.PY", line
    sub_l=a-b
TypeError: unsupported operand type(s) for -: 'str' and 'str'
>>>
RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/THE ARITHMETIC OPERATIONS.PY
enter a :3
enter b:1
Traceback (most recent call last):
```

```
exercise 1.py - C:/Users/sse/Ap...
File Edit Format Run Options Window Help
#program to print python program
#192011065
#D GOPIKRISHNA
print("python programming")
```

```
Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:06:47) [MSC v.1914 32 b
Type "copyright", "credits" or "license()" for more information.
>>>
RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/exercise
python programming
>>>
RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/exercise
enter a string:python programming
python programming
>>>
RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/exercise
enter a string:python programming
python programming
>>>
RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/THE ARIT
enter a :9
enter b:2
Traceback (most recent call last):
  File "C:/Users/sse/AppData/Local/Programs/Python/Python37-32/THE ARITH
    sub_1=a-b
TypeError: unsupported operand type(s) for -: 'str' and 'str'
>>>
RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/THE ARIT
enter a :9
enter b:2
Traceback (most recent call last):
  File "C:/Users/sse/AppData/Local/Programs/Python/Python37-32/THE ARITH
    sub_1=a-b
TypeError: unsupported operand type(s) for -: 'str' and 'str'
>>>
RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/THE ARIT
enter a :3
enter b:1
Traceback (most recent call last):
```

```
exercise 1.py - C:/Users/sse/AppData/Local/Programs/Python/Python37-32/exercise 1....
File Edit Format Run Options Window Help
#program to print "python programming"
#192011065
#D Gopikrishna
a=input("enter a string: ")
print(a)
```

exercise.py - C:/Users/GOPI KRISHNA. D/AppData/Local/Programs/Python/Python311/exercise.py (3.11.2)

```
File Edit Format Run Options Window Help
#program for arithmetic operationa
#192011065
#D GOPIKRISHNA
a=int(input("enter the value :"))
b=int(input("enter the value :"))
```

```
add_1=a+b
sub_1=a-b
mul_1=a*b
div_1=a/b
mod_1=a%b
flowdiv_1=a//b
expo_1=a**b
print("Addition:",add_1)
print("Subtraction:",sub_1)
print("Multiplication:",mul_1)
print("Division:",div_1)
print("Modulo:",mod_1)
print("Flowdivision:",flowdiv_1)
print("Exponent:",expo_1)
```

\*IDLE Shell 3.11.2\*

File Edit Shell Debug Options Window Help

>>> NameError: name 'add\_1' is not defined

>>> ===== RESTART: C:/Users/GOPI KRISHNA. D/AppData/Local/Programs/Python/Python311/exerc  
ise.py =====  
enter the value :3  
enter the value :2  
Traceback (most recent call last):  
 File "C:/Users/GOPI KRISHNA. D/AppData/Local/Programs/Python/Python311/exercise.py", line 10, in <module>  
 print("Addition:",add\_1)  
NameError: name 'add\_1' is not defined

>>> ===== RESTART: C:/Users/GOPI KRISHNA. D/AppData/Local/Programs/Python/Python311/exerc  
ise.py =====  
enter the value :3  
enter the value :3  
Addition: 6  
Subtraction: 0  
Multiplication: 9  
Division: 1.0  
Modulo: 0  
Flowdivision: 1  
Traceback (most recent call last):  
 File "C:/Users/GOPI KRISHNA. D/AppData/Local/Programs/Python/Python311/exercise.py", line 17, in <module>  
 print("Exponent:",expo\_1)  
NameError: name 'expo\_1' is not defined. Did you mean: 'expo'?

>>> ===== RESTART: C:/Users/GOPI KRISHNA. D/AppData/Local/Programs/Python/Python311/exerc  
ise.py =====  
enter the value :9  
enter the value :3  
Addition: 12  
Subtraction: 6  
Multiplication: 27  
Division: 3.0  
Modulo: 0  
Flowdivision: 3  
Exponent: 729

>>> ===== RESTART: C:/Users/GOPI KRISHNA. D/AppData/Local/Programs/Python/Python311/exercise.py =====

Ln: 4 Col: 0

Type here to search

30°C 04:37 PM 28-03-2023



```
area of circles.py - C:\Users\sse\AppData\Local\Programs\Python\Python37-32\area of circles.py (
File Edit Format Run Options Window Help
#program to find area of circle
#192011065
#D GOPIKRISHNA
r=int(input("enter the radius"))
area=3.14*r*r
print("area of circle",area)
```

```
*Python 3.7.0 Shell*
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Python 3.7.0 (v3.7.0:1bf9cc5093
, Jun 27 2018, 04:06:47) [MSC v
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"license()" for more informatio
n.
>>>
RESTART: C:\Users\sse\AppData\
Local\Programs\Python\Python37-
32\area of circles.py
enter the radius23
area of circle 1661.06
>>>
RESTART: C:\Users\sse\AppData\
Local\Programs\Python\Python37-
32\area of circles.py
enter the radius23
area of circle 1661.06
>>>
RESTART: C:\Users\sse\AppData\
Local\Programs\Python\Python37-
32\area of circles.py
enter the radius|
```

```
#Program to print quadratic equation
#192011065
#D GOPIKRISHNA
import cmath
a,b,c=2,3,5
x=(b**2)-(4*a*c)
x1=(-b+cmath.sqrt(x))/(2*a)
x2=(-b-cmath.sqrt(x))/(2*a)
print('the roots are{0} and {1}'.format(x1,x2))
```

```
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:06:47) [MSC v.1914 32 bit
(Intel)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/quadratic
equation exercise.py
the roots are(-0.75+1.3919410907075054j) and (-0.75-1.3919410907075054j)
>>> |
```

File Edit Format Run Options Window Help

File Edit Shell Debug Options Window Help

```
#program to swap two number
#192011065
#D GOPIKRISHNA
x=5
y=3
x,y=y,x
print(x,y)
```

Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:06:47) [MSC v.1914 32 bit (Intel)] on win32  
Type "copyright", "credits" or "license()" for more information.

>>>

RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/quadratic equation exercise.py

the roots are(-0.75+1.3919410907075054j) and (-0.75-1.3919410907075054j)

>>>

RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/swapping exercise.py

3 5

>>> |



Type here to search



36°C Mostly sunny



14:33

28-03-2023



```
# Python code to remove duplicate elements
def Remove(duplicate):
```

```
    final_list = []
```

```
    for num in duplicate:
```

```
        if num not in final_list:
```

```
            final_list.append(num)
```

```
    return final_list
```

```
# Driver Code
```

```
duplicate = [1.0,3.1,22.4,3,3.1]
```

```
print(Remove(duplicate))
```

Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:06:47) [MSC v.1914 32 bit (Intel)] on win32

Type "copyright", "credits" or "license()" for more information.

```
>>>
```

RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/venkey.python.p

Y

```
[5, 55, 25, 555, 20]
```

```
>>>
```

RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/venkey.python.p

Y

```
[-10, -35, 10, 35, 40]
```

```
>>>
```

RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/venkey.python.p

Y

```
[0]
```

```
>>>
```

RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/venkey.python.p

Y

```
[2, 3, 4, 5, 6, 7]
```

```
>>>
```

RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/venkey.python.p

Y

```
[1.0, 3.1, 22.4, 3]
```

```
>>>
```

kilometer to mile.py - C:/Users/sse/AppData/Local/Programs/Python/Python37-32/kilometer to mile.py (3)

Python 3.7.0 Shell

File Edit Format Run Options Window Help

File Edit Shell Debug Options Window Help

```
#Program to convert kilometer to mile
#192011065
```

Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:06:47) [MSC v.1914 32 bit (Intel)] on win32

```
#D GOPIKRISHNA
```

Type "copyright", "credits" or "license()" for more information.

```
kilometers=int(input("enter the no.of kilometers:"))
```

```
miles=kilometers/1.6
```

```
print("convert kilometer to miles:",miles)
```

```
>>>
```

RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/quadratic equation exercise.py

```
>>> the roots are(-0.75+1.3919410907075054j) and (-0.75-1.3919410907075054j)
```

```
>>>
```

RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/swapping exercise.py

```
3 5
```

```
>>>
```

RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/kilometer to mile.py

```
enter the no.of kilometers:3
```

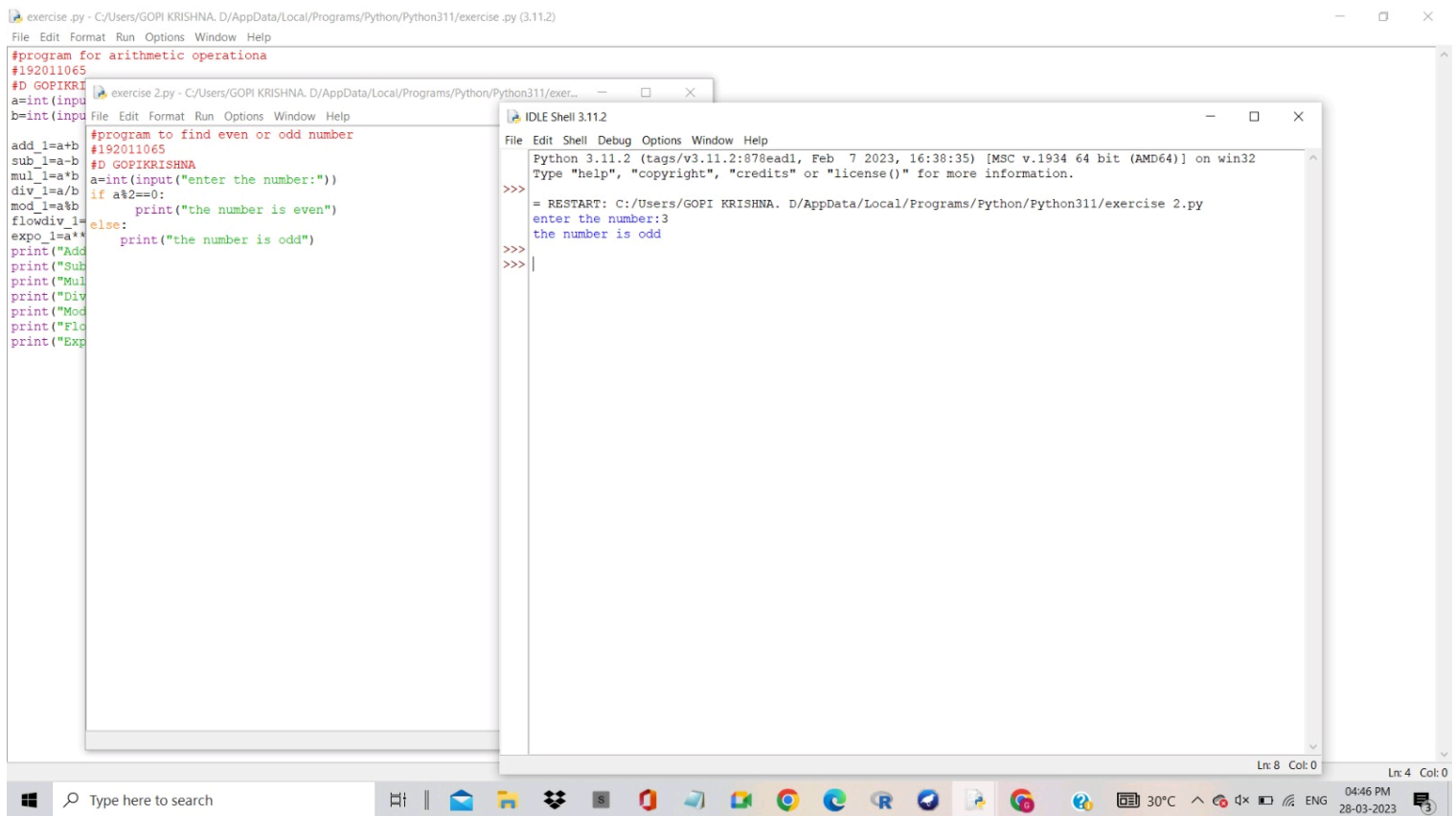
```
convert kilometer to miles: 1.875
```

```
>>> |
```



```
Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
NameError: name 'kilometer' is not defined
>>>
RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/kilometer to mil
enter the no. of kilometers:3
Traceback (most recent call last):
  File "C:/Users/sse/AppData/Local/Programs/Python/Python37-32/kilometer to mile.
    miles=kilometer/1.6
NameError: name 'kilometer' is not defined
>>>
RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/kilometer to mil
enter the no. of kilometers:3
Traceback (most recent call last):
  File "C:/Users/sse/AppData/Local/Programs/Python/Python37-32/kilometer to mile.
    miles=kilometer/1.6
NameError: name 'kilometer' is not defined
>>>
RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/kilometer to mil
enter the no. of kilometers:3
convert kilometer to miles: 1.875
>>>
RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/the conversion e
enter the foreignheat:3
converted from foreignheat to celcius -16.11111111111111
>>>
RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/the conversion e
enter the farenheat:3
Traceback (most recent call last):
  File "C:/Users/sse/AppData/Local/Programs/Python/Python37-32/the conversion exe
    print("the temp in % 0.2 f" %celcius)
ValueError: unsupported format character ' ' (0x20) at index 17
>>>
RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/the conversion e
enter the farenheat:3
the temp in -16.11
>>>
```

```
the conversion exercise.py - C:/Users/sse/AppData/Local/Progra...
File Edit Format Run Options Window Help
#program to convet farenheat to celcius
#192011065
#D GOPIKRISHNA
farenheat=int(input("enter the farenheat:"))
celcius=(farenheat-32)/1.8
print("the temp in %0.2f"%celcius)
```



```
File Edit Format Run Options Window Help
#Program to print nested if for greatest number
#192011065
#D GOPIKRISHNA
a=9
b=5
c=11
if a>b:
    if a>c:
        print("a is the greatest")
    if b>a:
        if b>c:
            print("b is the greatest")
        else:
            print("c is greatest")
```

```
File Edit Shell Debug Options Window Help
Python 3.7.0 (v3.7.0:1bf9cc5093
, Jun 27 2018, 04:06:47) [MSC v
.1914 32 bit (Intel)] on win32
Type "copyright", "credits" or
"license()" for more informatio
n.
```

```
>>>
RESTART: C:\Users\sse\AppData\
Local\Programs\Python\Python37-
32\area of circles.py
enter the radius23
area of circle 1661.06
```

```
>>>
RESTART: C:\Users\sse\AppData\
Local\Programs\Python\Python37-
32\area of circles.py
enter the radius23
area of circle 1661.06
```

```
>>>
RESTART: C:\Users\sse\AppData\
Local\Programs\Python\Python37-
32\area of circles.py
enter the radius
```

```
RESTART: C:/Users/sse/AppData/
Local/Programs/Python/Python37-
32/the chained if exercise.py
enter the number:3
the number is positive
```

```
>>>
RESTART: C:/Users/sse/AppData/
Local/Programs/Python/Python37-
32/the nested if exercise.py
c is greatest
>>> |
```



Python 3.7.0 Shell

File Edit Shell Debug Options Window Help

```

RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/kilometer to miles:3
Traceback (most recent call last):
  File "C:/Users/sse/AppData/Local/Programs/Python/Python37-32/kilometer to miles.py", line 1, in <module>
    miles=kilometer/1.6
NameError: name 'kilometer' is not defined
>>>
RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/kilometer to miles:3
enter the no. of kilometers:3
convert kilometer to miles: 1.875
>>>
RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/the conversion of fahrenheit to celcius:3
enter the fahrenheit:3
converted from fahrenheit to celcius -16.11111111111111
>>>
RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/the conversion of fahrenheit to celcius:3
Traceback (most recent call last):
  File "C:/Users/sse/AppData/Local/Programs/Python/Python37-32/the conversion of fahrenheit to celcius.py", line 1, in <module>
    print("the temp in % 0.2 f" %celcius)
ValueError: unsupported format character ' ' (0x20) at index 17
>>>
RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/the conversion of fahrenheit to celcius:3
enter the fahrenheit:3
the temp in -16.11
>>>
RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/the conversion of fahrenheit to celcius:3
the even number
>>>
RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/the conversion of fahrenheit to celcius:3
the person is eligible
>>>
RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/the conversion of fahrenheit to celcius:3
the person not eligible
>>>

```

\*the conversion exercise.py - C:/Users/sse/AppData/Local/Programs/Python/Python37-32/

File Edit Format Run Options Window Help

```

#program for alternate if
#192011065
#D GOPIKRISHNA
n=10
if n>=18:
    print("the person is eligible")
else:
    print("the person not eligible")

```

Col: 4



```
the chained if exercise.py - C:/Users/sse/AppData/Local/Programs/Python/Python37-32/the chain
File Edit Format Run Options Window Help
#program for chained if
#192011065
#D GOPIKRISHNA
a=int(input("enter the number:"))
if a>0:
    print("the number is positive")
elif a<0:
    print("the number is negative")
else:
    print("the number is zero")
```

```
Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
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, Jun 27 2018, 04:06:47) [MSC v
.1914 32 bit (Intel)] on win32
Type "copyright", "credits" or
"license()" for more informatio
n.
>>>
RESTART: C:\Users\sse\AppData\
Local\Programs\Python\Python37-
32\area of circles.py
enter the radius23
area of circle 1661.06
>>>
RESTART: C:\Users\sse\AppData\
Local\Programs\Python\Python37-
32\area of circles.py
enter the radius
RESTART: C:/Users/sse/AppData/
Local/Programs/Python/Python37-
32/the chained if exercise.py
enter the number:3
the number is positive
>>> |
```

the leap year exercise.py - C:/Users/sse/AppData/Local/Programs/Python/Python37-32/the leap year exercise.py

File Edit Format Run Options Window Help

```
#Program to check leap year or not
#192011065
#D GOPIKRISHNA
leap_year=int(input("enter the year"))
leap_year%4==0 or leap_year%400!=0 and leap_year%100!=0
if leap_year%4==0:
    print("the leap year")
else:
    print("not a leap year")
x=leap_year%4
previous_year=leap_year-leap_year%4
if previous_year%4==0:
    print("previous leap_year",previous_year)
else:
    print("not a leap year")
```

Python 3.7.0 Shell

File Edit Shell Debug Options Window Help

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>>>

RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/the leap year exercise.py  
enter the year147  
not a leap year  
previous leap\_year 144

>>>

RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/the leap year exercise.py  
enter the year1937  
not a leap year  
previous leap\_year 1936

>>>

RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/the leap year exercise.py  
enter the year1919  
not a leap year  
previous leap\_year 1916

>>>

```
n=5
for i in range(1,11):
    print('n','*')
```

Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:06:47) [MSC v.1914 32 bit (Intel)] on win32  
Type "copyright", "credits" or "license()" for more information.

&gt;&gt;&gt;

RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/the leap year exercise.py  
enter the year147  
not a leap year  
previous leap\_year 144

&gt;&gt;&gt;

RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/the leap year exercise.py  
enter the year1937  
not a leap year  
previous leap\_year 1936

&gt;&gt;&gt;

RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/the leap year exercise.py  
enter the year1919  
not a leap year  
previous leap\_year 1916

&gt;&gt;&gt;

RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/exercise.py

```
n *
n *
n *
n *
n *
n *
n *
n *
n *
n *
```

&gt;&gt;&gt;

```
n=5
for i in range(1,11):
    print(n,'*',i,'=',n*i)
```

```
not a leap year
previous leap_year 1936
```

&gt;&gt;&gt;

```
RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/the le
ap year exercise.py
enter the year1919
not a leap year
previous leap_year 1916
```

&gt;&gt;&gt;

```
RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/exerci
se.py
```

```
n *
n *
n *
n *
n *
n *
n *
n *
n *
n *
```

&gt;&gt;&gt;

```
RESTART: C:/Users/sse/AppData/Local/Programs/Python/Python37-32/exerci
se.py
```

```
5 * 1 = 5
5 * 2 = 10
5 * 3 = 15
5 * 4 = 20
5 * 5 = 25
5 * 6 = 30
5 * 7 = 35
5 * 8 = 40
5 * 9 = 45
5 * 10 = 50
>>>
```