

```
num1=float(input("enter num1"))
num2=float(input("enter num2"))
num3=float(input("enter num3"))
if (num1>num2 and num1>num3):
    print("num1 is greater",num1)
elif (num2>num1 and num2>num3):
    print("num2 is greater",num2)
else:
    print("num3 is greater",num3)
```

IDLE Shell 3.11.4

File Edit Shell Debug Options Window Help

Python 3.11.4 (tags/v3.11.4:d2340ef, Jun 7 2023, 05:45:37) [MSC v.1934 64
AMD64] on win32

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

>>>

===== RESTART: C:\manu0819\satya\mani.py =====

enter num123

enter num254

enter num311

num2 is greater 54.0

>>>

decimal.py - C:/manu0819/satya/decimal.py (3.11.4)

File Edit Format Run Options Window Help

```
binary_number = "0111"  
decimal_number = int(binary_number, 2)  
print(decimal_number)
```

IDLE Shell 3.11.4

File Edit Shell Debug Options Window Help

Python 3.11.4 (tags/v3.11.4:d2340ef, Jun 7 2023, 12:59:07) on win32
Type "help", "copyright", "credits" or "license()" for more

>>>

===== RESTART: C:/manu0819/satya/decimal.py
7

>>>



Search



vinay.py - C:\manu0819\satya\vinay.py (3.11.4)

File Edit Format Run Options Window Help

```
a=int(input("enter a value"))
```

```
b=int(input("enter b value"))
```

```
c=a
```

```
d=b
```

```
while a%b!=0:
```

```
    r=a%b
```

```
    a=b
```

```
    b=r
```

```
    gcd=b
```

```
    print("GCD:",gcd)
```

```
lcm=(c*d/gcd)
```

```
print("LCM",lcm)
```

counting sentence.py - C:/manu0819/satya/counting sentence.py (3.11.4)

File Edit Format Run Options Window Help

```
input_sentence = "An apple a day keeps the doctor a way"
count_A = 0
for char in input_sentence:
    if char == 'A':
        count_A += 1
print(count_A)
```

14:27

IDLE Shell 3.11.4

File Edit Shell Debug Options Window Help

Python 3.11.4 (tags/v3.11.4:d2340ef, Jun 7 2023, 05:45:37) [MSC v.1934 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.

>>> ===== RESTART: C:/manu0819/satya/counting sentence.py =====

>>> 1
|

ork.

File Edit Format Run Options Window Help

```
sentence = "this is a cat"
words = sentence.split()
separatedsentence = '.'.join(words)
print(separatedsentence)
```

IDLE Shell 3.11.4

File Edit Shell Debug Op

Python 3.11.4 (tag
AMD64)] on win32
Type "help", "copy

>>>

===== R

this.is.a.cat

>>>

or start a new chat



count words.py - C:/manu0819/satya/count wo

File Edit Format Run Options Window

```
sentence = "My name is ABC"  
wordlist = sentence.split()  
wordcount = len(wordlist)  
print(wordcount)
```



IDLE Shell 3.11.4

File Edit Shell Debug Options Wi

Python 3.11.4 (tags/v3.11

AMD64) on win32

Type "help", "copyright",

>>>

= RESTART: C:/manu0819/sat

4

>>>

Edit Format Run Options Window Help

```
def is_leap_year(year):
```

```
    if year % 4 == 0:
```

```
        if year % 100 == 0:
```

```
            if year % 400 == 0:
```

```
                return True
```

```
            else:
```

```
                return False
```

```
        else:
```

```
            return True
```

```
    else:
```

```
        return False
```

```
years_to_check = [2000, 2020, 2024, 2100, 2200, 2300]>>>
```

```
for year in years_to_check:
```

```
    if is_leap_year(year):
```

```
        print(f"{year} is a leap year.")
```

```
    else:
```

```
        print(f"{year} is not a leap year.")
```

IDLE Shell 3.11.4

File Edit Shell Debug Options Window Help

Python 3.11.4 (tags/v3.11.4:d2340ef, Jun 7 2023, 05:45:37) [MSC v.1934 AMD64] on win32

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

= RESTART: C:\manu0819\satya\leapyear.py

2000 is a leap year.

2020 is a leap year.

2024 is a leap year.

2100 is not a leap year.

2200 is not a leap year.

2300 is not a leap year.

2400 is a leap year.

>>> |

File Edit Format Run Options Window Help

```
inputstring = "My name is Eve,I come from chennai,India,Iam here for research wo
sentences = inputstring.split(',')
longestsentence = max(sentences, key=lambda sentence: len(sentence))
print(longestsentence)
```

14:27

IDLE Shell 3.11.4

File Edit Shell Debug Options Window Help

```
Python 3.11.4 (tags/v3.11.4:d2340ef, Jun 7 2
023, 05:45:37) [MSC v.1934 64 bit (AMD64)] on
win32
Type "help", "copyright", "credits" or "licen
se()" for more information.
```

>>>

```
===== RESTART: C:/manu0819/satya
/long sentence.py =====
Iam here for research work.
```

>>>

search work.

Spotify

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SPSS

Visual Studio

Code

data

libraries

Manj

Chrome

becm/1

even or odd.py - C:/manu0819/satya/even or odd.py (3.11.4)

File Edit Format Run Options Window Help

```
n=int(input("enter the no"))
if n%2==0:
    print ("n is even")
else:
    print("n is odd")
```

IDLE Shell 3.11.4

File Edit Shell Debug Options Window Help

Python 3.11.4 (tags/v3.11.4:d2340ef, Jun 7 2023, 05:45:37) [MSC v.1934 64 bit (AMD64)] on win32

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

```
>>>
===== RESTART: C:/manu0819/satya/even or odd.py =====
enter the no23
n is odd
```

```
>>>
===== RESTART: C:/manu0819/satya/even or odd.py =====
enter the no22
n is even
>>> |
```

reversed_sentence.py - C:/manu0819/satya/reversed_sentence.py (3.11.4)

File Edit Format Run Options Window Help

```
sentence = "My Name is ABC"
words = sentence.split()
reversed_sentence = ' '.join(reversed(words))
print(reversed_sentence)
```

IDLE Shell 3.11.4

File Edit Shell Debug Options Window Help

Python 3.11.4 (tags/v3.11.4:d2341872, Sep 14 2023, [AMD64]) on win32

Type "help", "copyright", "credits() or "help()" to get more help.

```
>>> sentence = "My Name is ABC"
... words = sentence.split()
... reversed_sentence = ' '.join(reversed(words))
... print(reversed_sentence)
```

SyntaxError: multiple statements can be found on a single line

```
>>>
```

===== RESTART: C:/manu0819/satya/reversed_sentence.py

```
ABC is Name My
```

```
>>>
```

manil.py - C:\manu0819\satya\manil.py (3.11.4)

File Edit Format Run Options Window Help

```
a=int(input("enter a number"))
if (a>0):
    print("a is positive",a)
elif(a==0):
    print("ais equal",a)
else:
    print("a is negative",a)
```

IDLE Shell 3.11.4

File Edit Shell Debug Options Window Help

Python 3.11.4 (tags/v3.11.4:d2340ef, Jun 7 2023, 05:45:37) [MSC v.1934 64 bit (AMD64)] on win32

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

```
>>>
= RESTART: C:\manu0819\satya\manil.py
enter a number-23
a is negative -23
>>>
===== RESTART: C:\manu0819\satya\manil.py =====
enter a number23
a is positive 23
>>>
===== RESTART: C:\manu0819\satya\manil.py =====
enter a number0
ais equal 0
>>> |
```

binary equalent.py - C:/manu0819/satya/binary equalent.py (3.11.4)

File Edit Format Run Options Window Help

```
decimal_number = 9
binary_number = bin(decimal_number)[2:]
print(binary_number)
```

IDLE Shell 3.11.4

File Edit Shell Debug Options Window Help

Python 3.11.4 (tags/v3.11.4:d2340
2023, 05:45:37) [MSC v.1934 64 bi
on win32

Type "help", "copyright", "credit
nse()" for more information.

>>>

= RESTART: C:/manu0819/satya/bina
.py

1001

>>>

