

Date_of_easter



```
Python 3.10.1 (v3.10.1:2cd268a3a9, Dec 6 2021, 14:28:59) [Clang 13.0.0 (clang-1300.0.29.3)] on darwin
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: /Users/jingbowang/Developer/cs170/week06/assignment02/data_of_easter.py
Please enter the year (Like: 1987): 1966
9.066199999999995
>>>
= RESTART: /Users/jingbowang/Developer/cs170/week06/assignment02/data_of_easter.py
Please enter the year (Like: 1987): 1847
14.5779
>>> |
```

Ln: 11 Col: 0

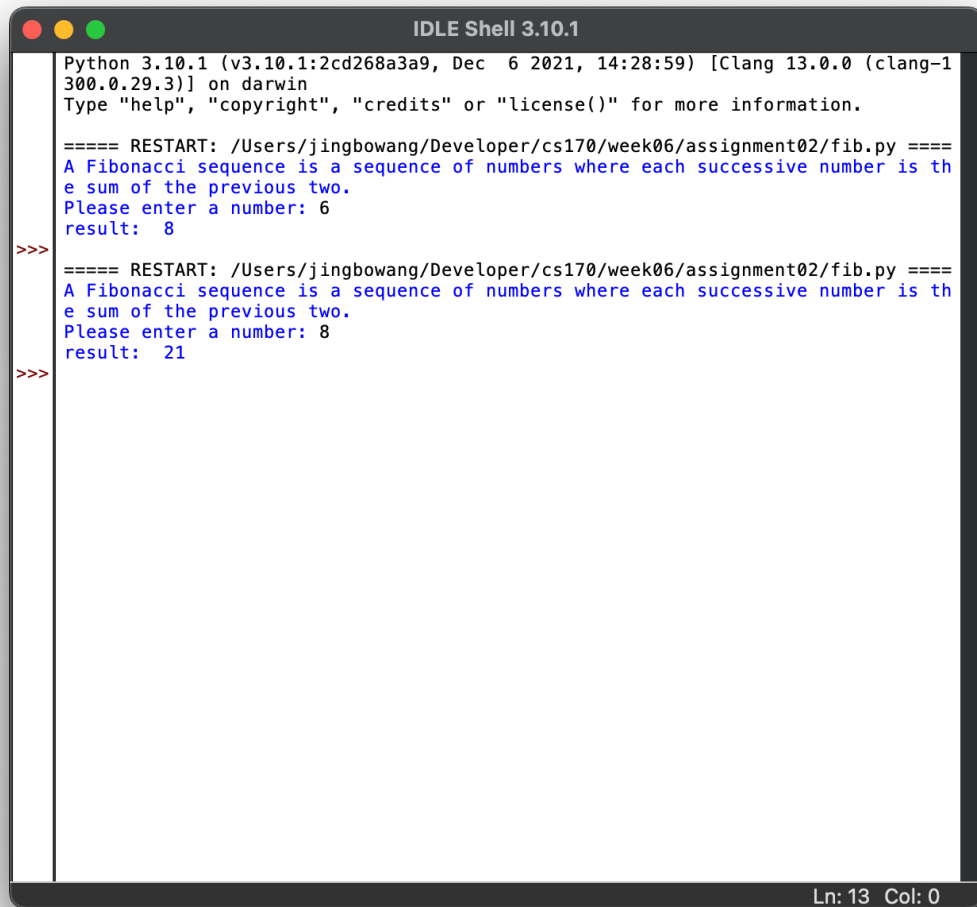
Length_of_ladder



```
Python 3.10.1 (v3.10.1:2cd268a3a9, Dec 6 2021, 14:28:59) [Clang 13.0.0 (clang-1300.0.29.3)] on darwin
Type "help", "copyright", "credits" or "license()" for more information.
>>> = RESTART: /Users/jingbowang/Developer/cs170/week06/assignment02/lengrh_of_ladder.py
    to determine the length of a ladder required to reach a given height when leaned against a house.
    Please enter the height: 10
    Please enter the angle degree of ladder: 30
    The length of a ladder required is 20.000000000000004
>>> = RESTART: /Users/jingbowang/Developer/cs170/week06/assignment02/lengrh_of_ladder.py
    to determine the length of a ladder required to reach a given height when leaned against a house.
    Please enter the height: 50
    Please enter the angle degree of ladder: 45
    The length of a ladder required is 70.71067811865476
>>> |
```

Ln: 15 Col: 0

fib() fuction




```
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===== RESTART: /Users/jingbowang/Developer/cs170/week06/assignment02/fib.py =====
A Fibonacci sequence is a sequence of numbers where each successive number is the
sum of the previous two.
Please enter a number: 6
result: 8
>>>

===== RESTART: /Users/jingbowang/Developer/cs170/week06/assignment02/fib.py =====
A Fibonacci sequence is a sequence of numbers where each successive number is the
sum of the previous two.
Please enter a number: 8
result: 21
>>>
```

Ln: 13 Col: 0

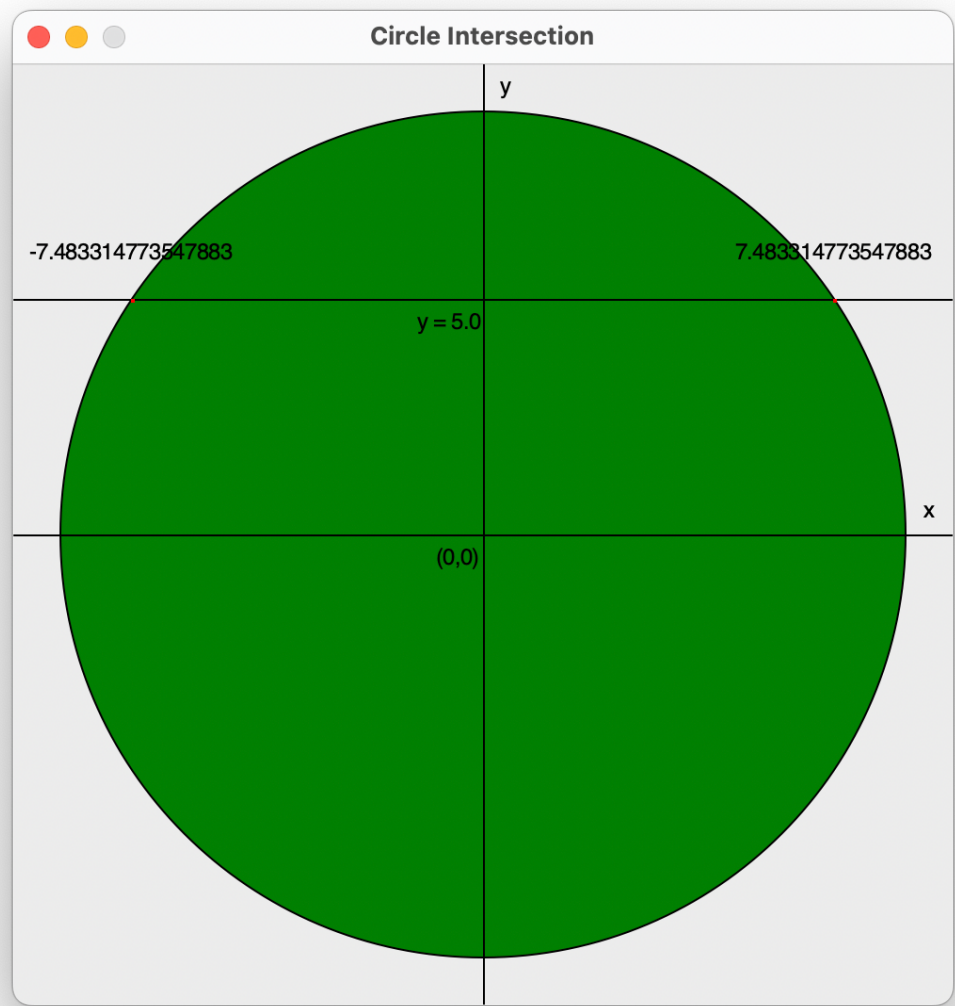
sum_fib() function



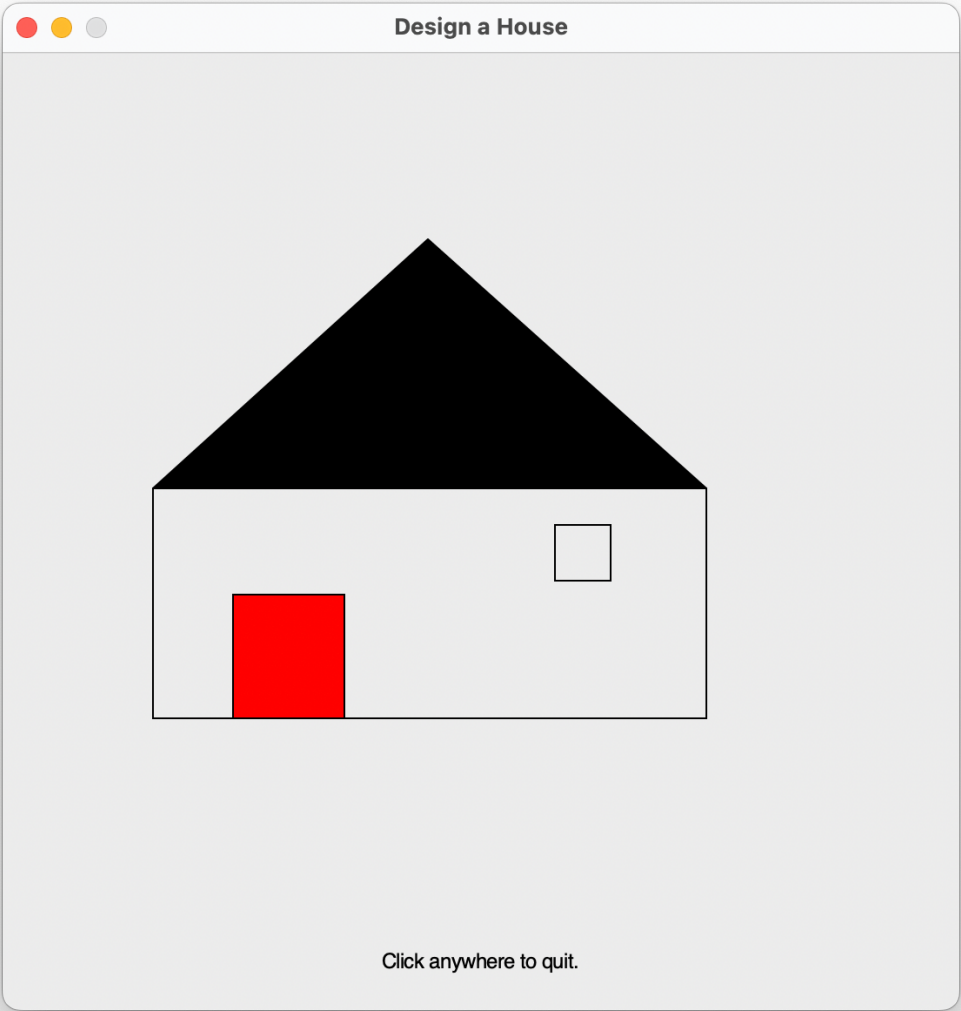
```
*IDLE Shell 3.10.1*
Python 3.10.1 (v3.10.1:2cd268a3a9, Dec 6 2021, 14:28:59) [Clang 13.0.0 (clang-1300.0.29.3)] on darwin
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>>>
=== RESTART: /Users/jingbowang/Developer/cs170/week06/assignment02/sum_fib.py ==
A Fibonacci sequence is a sequence of numbers where each successive number is the
sum of the previous two.
Please enter a number: 5
result: 12
>>>
=== RESTART: /Users/jingbowang/Developer/cs170/week06/assignment02/sum_fib.py ==
A Fibonacci sequence is a sequence of numbers where each successive number is the
sum of the previous two.
Please enter a number: 8
result: 54
>>>
```

Ln: 13 Col: 0

Circle Intersection



house1



house2

