

Jupyter Untitled5

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Run Code

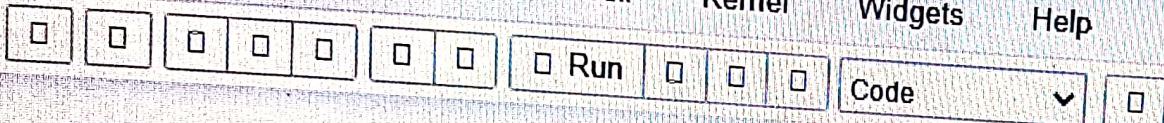
```
In [1]: #python program to design simple calculator for the operators
x=8
y=5
#addition
print(x+y)
#subtraction
print(x-y)
#multiplication
print(x*y)
#division
print(x/y)
#modulus
print(x%y)
#exponent
print(x**y)
#floor division
print(x//y)

13
3
40
1.6
3
32768
1
```

x | (4) WhatsApp x | Untitled6 - Jupyter x |

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In [2]:

```
#python program to calculate simple interest
p=2000 #principle amount
t=3 #time taken
r=2 #rate of interest
SI=(p*t*r)/100
print("simple interest is",SI)
```

simple interest is 120.0

In [5]:

```
#python program to calculate area of a circle
PI=3.14
r=float(input("enter value of radius"))
area=PI*r*r
print("area of circle using",r,"=",area)
```

enter value of radius7
area of circle using 7.0 = 153.86

In [10]:

```
#python program to calculate area of a triangle
a=float(input('enter the first side of a triangle:'))
b=float(input('enter the second side of a triangle:'))
c=float(input('enter the third side of a triangle:'))
perimeter=a+b+c
#semi-perimeter
s=(a+b+c)/2
area=(s*(s-a)*(s-b)*(s-c))**0.5
print('area of the triangle is %0.2f'%area)
```



Type here to search



The screenshot shows a Windows desktop environment with several open windows. At the top, there are five browser tabs: 'Untitled6 - Jupyter' (active), 'localhost', '(4) WhatsApp', 'Untitled6 - Jupyter', and 'Untitled5 - Jupyter'. Below the tabs, the taskbar includes icons for File Explorer, Task View, Start, and other system functions. The main focus is a Jupyter Notebook window titled 'Untitled5' with the subtitle 'Last Checkpoint: a few seconds ago (autosaved)'. The notebook interface has a menu bar with File, Edit, View, Insert, Cell, Kernel, Widgets, and Help. A toolbar below the menu bar contains icons for Run, Code, and other functions. The code cell content is as follows:

```
perimeter=a+b+c
#semi-perimeter
s=(a+b+c)/2
area=(s*(s-a)*(s-b)*(s-c))**0.5
print('area of the triangle is %0.2f'%area)

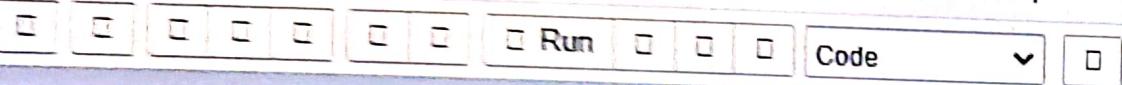
enter the first side of a triangle:3.6
enter the second side of a triangle:5
enter the third side of a triangle:6.2
area of the triangle is 9.00
```

In [21]: #python program to convert temperature in celsius to fahrenheit
celsius=float(input('enter celsius value:'))
fahrenheit=(celsius*1.80)+32
print("fahrenheit value for the given",c,"celsius is",fahrenheit)
enter celsius value:50.3
fahrenheit value for the given 50.3 celsius is 122.53999999999999

In [20]: #python program to calculate area of rectangle
l=float(input('enter the length of a rectangle:'))
b=float(input('enter the breadth of a rectangle:'))
area=l*b
print("area of a rectangle=",area)
enter the length of a rectangle:3
enter the breadth of a rectangle:4
area of a rectangle= 12.0

1 minute ago (autosaved)

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In [1]: *#python program to calculate perimeter of a square*
print("Enter 'x' for exit.");
side = input("Enter side length of square: ");
if side == 'x':
 exit();
else:
 slength = int(side);
 perimeter = 4*slength;
 print("\nPerimeter of Square:", perimeter);

Enter 'x' for exit.
Enter side length of square: 6
Perimeter of Square: 24

In [13]: *#python program to calculate circumference of a circle*
PI=3.14
r=5
circumference of circle=2*PI*r
print("circumference of a circle=")

File "<ipython-input-13-171bd34993c0>", line 4
circumference of circle=2*PI*r

SyntaxError: invalid syntax

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File | C:/Users/ADMINS/Documents/New%20folder/python%20assignmentcon.html

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Run Code

```
print("circumference of a circle=")
      File "<ipython-input-13-171bd34993c0>", line 4
        circumference of circle=2*PI*r
                           ^
SyntaxError: invalid syntax
```

In [12]: #python program to swap two numbers
a=6
b=9
a,b=b,a
print("a=",a)
print("b=",b)

a= 9
b= 6

In []: