In [1]:
```
#1
cm = float(input())
print('Meter:',cm*0.01,'m')
print('Kilometer:',cm*1e-5,'km')
```

```
100
Meter: 1.0 m
Kilometer: 0.001 km
```

In [6]:
```
#2
cel = float(input())
print("Fahrenheit:",cel*9/5+32,'F')
```

```
100
Fahrenheit: 212.0 F
```

In [7]:
```
#3
x= int(input())
y =int(input())
x**y
```

```
2
3
```

Out[7]: 8

In [11]:
```
#4
input_num = int(input('Enter any number:'))
if input_num % 2 == 0:
    print(input_num,'Is Even'),
else:
    print(input_num,'Is Odd')
```

```
Enter any number:6
6 Is Even
```

In [12]:
```
#5
char = input()
char.isalpha()
```

```
t
```

Out[12]: True

In [13]:
```
#6
max(7,9,5)
```

Out[13]: 9

In [15]:
```
#7
len('1234')
```

Out[15]: 4

In [16]:
```
#8
x = 'geeks'
x == x[::-1]
```

Out[16]: False

In [20]:
```
x='eye'
x==x[::-1]
```

Out[20]: True

In [42]:
```
   #9
    sen = 'count total number of vowels and consonant in a string'
    vowels = list("aeiou")
    consonants = list("bcdfghjklmnpqrstvwxyz")
    v = 0
    c = 0
    for i in sen:
        if i in vowels:
            v+=1
        elif i in consonants:
                c+=1
    print('vowels:',v,'consonants',c)
```

```
vowels: 16 consonants 29
```

In [26]:
```
x = 10
```

In [31]:
```
sen = 'count total number of vowels and consonants in a string'
vowels = list("aeiouy")
consonants = list("bcdfghjklmnpqrstvexz")
v = 0
c = 0
for i in sen:
    if i in vowels:
        v+=1
    elif i in consonants:
        c+=1
print('vowels:',v,'consonants: ',c)
```

```
vowels: 16 consonants:  29
```

In [44]:
```
#10
h = 9
h
```

Out[44]:
```
9
```

In [3]:
```
#11
import turtle

turtle.forward(100)

turtle.exitonclick()
```

In [4]:
```
import turtle

turtle.shape("turtle")

turtle.forward(100)
turtle.left(90)
turtle.forward(100)
turtle.left(90)
turtle.forward(100)
turtle.left(90)

turtle.exitonclick()
```

```
---------------------------------------------------------------------------
Terminator                                Traceback (most recent call last)
<ipython-input-4-194ed6ac6efd> in <module>()
      1 import turtle
      2
----> 3 turtle.shape("turtle")
      4
      5 turtle.forward(100)

~/anaconda3/lib/python3.6/turtle.py in shape(name)

Terminator:
```

In [ ]: