UMIT KILINC

101232721

```
In [1]: import math
In [2]: math.sin(2)
Out[2]: 0.9092974268256817
In [3]: math.cos(3)
Out[3]: -0.9899924966004454
In [4]: print(In)
['', 'import math', 'math.sin(2)', 'math.cos(3)', 'print(In)']
In [5]: print(out)
                                            Traceback (most recent call last)
Input In [5], in <cell line: 1>()
----> 1 print(out)
NameError: name 'out' is not defined
In [6]: print(Out)
{2: 0.9092974268256817, 3: -0.9899924966004454}
In [7]: print(In[1])
import math
In [8]:
```

```
In [9]: print(_)
1.88698633756989
In [10]: print(_)
1.989992496608454
In [11]: print(_)
1.9899240608454
In [11]: print(_)
1.989924068256817
In [12]: print(_)
In [12]: print(_)
In [12]: print(_)
In [13]: print(_)
In [13]: print(_)
1.88686707: name '__' is not defined
In [13]: print(_2)
1.98929274268256817
In [14]: 0.012]
1.014[1: 0.9892974268256817
In [15]: 2
1.015[1: 0.9892974268256817
In [16]: math.sin(2) + math.cos(2);
In [17]: math.sin(2) + math.cos(2)
1.015[1: 0.9892974268256817, 3: -0.9899924966084454, 8: 1.886986953756989, 14: 0.9892974268256817, 15: 0.9892974268256817, 17: 0.4931505902785393)
In [18]: print(0tt)
1.181: print(0t
```

```
In [38]: Icd ..
D:Nanconda\lib\site-packages\IPython\core\interactiveshell.py:2468: UserWarning: You executed the system command Icd which may not work as expected. Try the IPython magic %cd instead.
warnings.warn(

in [31]: %cd
C:Users\unitk

in [32]: %cd ..
C:Users

in [33]: dir
out[33]: drunction dir>
in [34]:
in [35]: delenge of the since in the problem of the problem
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```
In [36]: cd
 :\Users\umitk
:\Users\umitk
In [38]: %automagic
Automagic is OFF, % prefix IS needed for line magics.
In [39]: %automagic
Automagic is ON, % prefix IS NOT needed for line magics.
In [40]: %automagic
Automagic is OFF, % prefix IS needed for line magics.
In [41]: cd
                                            Traceback (most recent call last)
Input In [41], in <cell line: 1>()
 ---> 1 <mark>cc</mark>
NameError: name 'cd' is not defined
In [42]: %automagic
Automagic is ON, % prefix IS NOT needed for line magics.
In [43]:
```

```
In [61]: def func1(a,b)
 Input In [61]
    def func1(a,b)
SyntaxError: invalid syntax
In [62]: def func1(a,b):
In [63]: def func2(x):
            return func1(a,b)
In [64]: func2(1)
ZeroDivisionError
Input In [64], in <cell line: 1>()
---> 1 func2(1)
Input In [63], in func2(x)
3 b = x - 1
----> 4 return func1(a,b)
Input In [62], in func1(a, b)
 1 def func1(a,b):
---> 2 return <mark>a/b</mark>
ZeroDivisionError: division by zero
In [65]: func2(0)
Out[65]: -0.0
In [66]: func2(5)
Out[66]: 1.25
In [67]:
```

```
In [73]: %debug
> <ipython-input-62-68225868ec77>(2)func1()
  1 def func1(a,b):
---> 2 return a/b
ipdb>
*** NameError: name 'i' is not defined
ipdb> ipython
*** NameError: name 'ipython' is not defined
ipdb> print(a)
ipdb> p(a)
b = 0
ipdb> b
ipdb> print(a/b)
*** ZeroDivisionError: division by zero
ipdb> quit
In [74]:
```