

Understanding and Dry Run

of a

sequence of statements

```
print("enter three values one by one")
```

```
a = input()
```

```
b = input()
```

```
c = input()
```

```
a = float(a)
```

```
b = float(b)
```

```
c = float(c)
```

```
avrg = ( a + b + c ) / 3
```

```
print("their average is", end=" ")
```

```
print(avrg)
```

```
print("enter three values one by one")
```

```
a = input()  
b = input()  
c = input()
```

Inputs

Output

```
a = float(a)  
b = float(b)  
c = float(c)
```

Assignments

```
avrg = ( a + b + c ) / 3
```

Assignment

```
print("their average is", end=" ")  
print(avrg)
```

Outputs

Step by step
execution
of the example
Python Program

```
print("enter three values one by one")
```

```
a = input()
```

```
b = input()
```

```
c = input()
```

```
a = float(a)
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```
avrg = ( a + b + c ) / 3
```

```
print("their average is", end=" ")
```

```
print(avrg)
```

➡ `print("enter three values one by one")`

`a = input()`

`b = input()`

`c = input()`

`a = float(a)`

`b = float(b)`

`c = float(c)`

`avrg = (a + b + c) / 3`

`print("their average is", end=" ")`

`print(avrg)`

```
print("enter three values one by one")
```



```
a = input()
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```
b = input()
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a = float(a)
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```
avrg = ( a + b + c ) / 3
```

```
print("their average is", end=" ")
```

```
print(avrg)
```

```
print("enter three values one by one")
```

```
→ a = input()  
  b = input()  
  c = input()
```

```
a = float(a)  
b = float(b)  
c = float(c)
```

```
avrg = ( a + b + c ) / 3
```

```
print("their average is", end=" ")  
print(avrg)
```



```
print("enter three values one by one")
```

```
a = input()
```

```
b = input()
```

→

```
c = input()
```

```
a = float(a)
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avrg = ( a + b + c ) / 3
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a = input()
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c = input()
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a = float(a)
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avrg = ( a + b + c ) / 3
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```

```
b = input()
```

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c = input()
```

```
a = float(a)
```

→ **b = float(b)**

```
c = float(c)
```

```
avrg = ( a + b + c ) / 3
```

```
print("their average is", end=" ")
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print(avrg)
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```

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c = input()
```

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```

```
b = float(b)
```

```
→ c = float(c)
```

```
avrg = ( a + b + c ) / 3
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   print(avrg)
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avrg = ( a + b + c ) / 3
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print("their average is", end=" ")
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```
print(avrg)
```



Microsoft Windows [Version 10.0.19043.1415]
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C:\DDS\LAB01>python 01average.py

enter three values one by one

12

7

3

their average is 7.3333333333333333

C:\DDS\LAB01>

Note that only outputs and inputs appears on screen, assignments have their effect within computer processing unit and the memory

Mu 1.1.0b7 - 01average.py

Mode New Load Save Stop Continue Step Over Step In Step Out Zoom-in Zoom-out Theme Check Tidy Help Quit

untitled 01average.py

```
1 print("enter three values one by one")
2
3 a = input()
4 b = input()
5 c = input()
6
7 a = float(a)
8 b = float(b)
9 c = float(c)
10
11 avrg = (a + b + c) / 3
12
13 print("their average is", end=" ")
14 print(avrg)
15
```

Name	Value
__file__	'c:\\dds_coursesteachin
__name__	'__main__'
__return__	None
a	12.0
avrg	7.333333333333333
b	7.0
c	3.0

Running: 01average.py

Running in debug mode. Use the Stop, Continue, and Step toolbar buttons to debug the script

```
enter three values one by one
12
7
3
their average is 7.333333333333333

----- FINISHED -----
exit code: 0 status: 0
```

<https://codewith.mu/en/download>