

# python1982023

September 1, 2023

```
[1]: 1+2
```

```
[1]: 3
```

```
[2]: 3453+345
```

```
[2]: 3798
```

```
[3]: a=10
```

```
[4]: a
```

```
[4]: 10
```

```
[5]: sha=123456
```

```
[6]: sha
```

```
[6]: 123456
```

```
[7]: type(sha)
```

```
[7]: int
```

```
[8]: s="pwwskills"
```

```
[9]: type(s)
```

```
[9]: str
```

```
[10]: s1="this is my first python class"
```

```
[11]: type(s1)
```

```
[11]: str
```

```
[12]: s1
```

```
[12]: 'this is my first python class'
```

```
[13]: f=456.321
```

```
[14]: type(f)
```

```
[14]: float
```

```
[15]: c=5+6j
```

```
[16]: type(c)
```

```
[16]: complex
```

```
[17]: c
```

```
[17]: (5+6j)
```

```
[18]: f
```

```
[18]: 456.321
```

```
[19]: c.real
```

```
[19]: 5.0
```

```
[20]: c.imag
```

```
[20]: 6.0
```

```
[21]: b1=True
```

```
[22]: type(b1)
```

```
[22]: bool
```

```
[23]: b=False
```

```
[24]: type(b)
```

```
[24]: bool
```

```
[25]: b
```

```
[25]: False
```

```
[26]: a1=45
      a2=34

[27]: a1+a2

[27]: 79

[28]: a1*a2

[28]: 1530

[29]: a2/a1

[29]: 0.7555555555555555

[30]: a1-a2

[30]: 11

[31]: 45/34

[31]: 1.3235294117647058

[32]: a1,a2=34,45

[33]: a1

[33]: 34

[34]: a2

[34]: 45

[35]: a,b,c,d=354,"shamn",34.34,True

[36]: a

[36]: 354

[37]: b

[37]: 'shamn'

[38]: c

[38]: 34.34
```

```
[39]: d
```

```
[39]: True
```

```
[40]: %a=234
```

```
UsageError: Line magic function `%a=234` not found.
```

```
[ ]: 0b=245
```

```
[ ]: @h=214
```

```
[ ]: _a=26
```

```
[ ]: -b=65
```

```
[ ]: True=45
```

```
[ ]: int=65
```

```
[ ]: int
```

```
[ ]: b1=True
```

```
[ ]: b2=False
```

```
[ ]: b1-b2
```

```
[ ]: b1*b2
```

```
[ ]: b1/b2
```

```
[ ]: b1*b1
```

```
[ ]: s1='my name is shamnu'
```

```
[ ]: s1
```

```
[ ]: type(s1)
```

```
[ ]: s2='this is my first python class for data science master's'
```

```
[ ]: s2
```

```
[ ]: s3='this is my first python class for data science master"s'
```

```
[ ]: s3
```

```
[ ]: #this is my code  
s3='this is my first python class for data science master"s'
```

```
[ ]: '''#this is my first python class  
#i am trying to learn variable declaration  
#so far i have learn int, boolean, string,complex no,float variable_  
↪declaration'''  
a=10
```

```
[ ]: a
```

```
[ ]: s1="sudh"
```

```
[ ]: a=10
```

```
[ ]: s1+a
```

```
[ ]: 'shamn'+ 'ida'
```

```
[ ]: a=10
```

```
[ ]: type(a)
```

```
[ ]: str(a)
```

```
[ ]: s1+str(10)+" "
```

```
[ ]: a
```

```
[ ]: b=str(a)
```

```
[ ]: b
```

```
[ ]:
```

```
[ ]: int(b)
```

```
[ ]: s="sha"
```

```
[ ]: int(s)
```

```
[ ]: a=452
```

```
[ ]: b=input()
```

```
[ ]:
```