

PYTHON FULL STACK

TASK 1

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Perform operations like subtraction, multiplication, division using function prototypes.

SUBTRACTION

TYPE 1

#default values

```
def sub():  
    a=5  
    b=3  
    c=a-b  
    print(c)
```

sub()

#runtime values

```
def sub():  
    a=int(input('Enter a:'))  
    b=int(input('Enter b:'))  
    c=a-b
```

sub()

TYPE 2

#default values

```
def sub(a,b):  
    c=a-b  
    print(c)
```

```
sub(6,4)
```

#runtime values

```
def sub(a,b):  
    c=a-b  
    print(c)  
    a1=int(input('Enter a:'))  
    b1=int(input('Enter b:'))
```

```
sub(a1,b1)
```

TYPE 3

#default values

```
def sub():  
    a=5  
    b=3  
    c=a-b  
    return(c)
```

```
print(sub())
```

#runtime values

```
def sub():  
    a=int(input('Enter a:'))  
    b=int(input('Enter b:'))  
    c=a-b  
    return(c)
```

```
print(sub())
```

TYPE 4

#default values

```
def sub(a,b):  
    c=a-b  
    return(c)  
  
print(sub(6,4))
```

#runtime values

```
def sub(a,b):  
    c=a-b  
    return(c)  
    a1=int(input('Enter a:'))  
    b1=int(input('Enter b:'))  
  
print(sub(a1,b1))
```

MULTIPLICATION

TYPE 1

#default values

```
def mul():  
    a=6  
    b=3  
    c=a*b  
    print(c)
```

```
mul()
```

#runtime values

```
def mul():  
    a=int(input('Enter a:'))  
    b=int(input('Enter b:'))  
    c=a*b
```

```
mul()
```

TYPE 2

#default values

```
def mul(a,b):  
    c=a*b  
    print(c)
```

```
mul(6,4)
```

#runtime values

```
def mul(a,b):  
    c=a*b  
    print(c)  
    a1=int(input('Enter a:'))  
    b1=int(input('Enter b:'))
```

```
mul(a1,b1)
```

TYPE 3

#default values

```
def mul():  
    a=5  
    b=3  
    c=a*b  
    return(c)
```

```
print(mul())
```

#runtime values

```
def mul():  
    a=int(input('Enter a:'))  
    b=int(input('Enter b:'))  
    c=a*b  
    return(c)
```

```
print(mul())
```

TYPE 4

#default values

```
def mul(a,b):  
    c=a*b  
    return(c)  
  
print(mul(6,4))
```

#runtime values

```
def mul(a,b):  
    c=a*b  
    return(c)  
    a1=int(input('Enter a:'))  
    b1=int(input('Enter b:'))  
  
print(mul(a1,b1))
```

DIVISION

TYPE 1

#default values

```
def div():  
    a=6  
    b=3  
    c=a/b  
    print(c)
```

```
div()
```

#runtime values

```
def div():  
    a=int(input('Enter a:'))  
    b=int(input('Enter b:'))  
    c=a/b
```

```
div()
```

TYPE 2

#default values

```
def div(a,b):  
    c=a/b  
    print(c)
```

```
div(12,4)
```

#runtime values

```
def div(a,b):  
    c=a/b  
    print(c)  
    a1=int(input('Enter a:'))  
    b1=int(input('Enter b:'))
```

```
div(a1,b1)
```

TYPE 3

#default values

```
Def div():  
    a=16  
    b=4  
    c=a/b  
    return(c)
```

```
print(div())
```

#runtime values

```
def div():  
    a=int(input('Enter a:'))  
    b=int(input('Enter b:'))  
    c=a/b  
    return(c)
```

```
print(div())
```

TYPE 4

#default values

```
def div(a,b):
```

```
    c=a/b
```

```
    return(c)
```

```
print(div(20,4))
```

#runtime values

```
def div(a,b):
```

```
    c=a/b
```

```
    return(c)
```

```
    a1=int(input('Enter a:'))
```

```
    b1=int(input('Enter b:'))
```

```
print(div(a1,b1))
```