

LU10.L01 - Taschenrechner als Modul

Teilaufgabe 1

```
#Add import statement for calc
import calc

def main():
    print(calc.add(5,5))
    print(calc.mul(5, 5))

if __name__ == '__main__':
    main()
```

Teilaufgabe 2

```
#Add import statement for calc
import calc as c

def main():
    print(c.add(5,5))
    print(c.mul(5, 5))

if __name__ == '__main__':
    main()
```

Teilaufgabe 3

```
#Add import statement for calc
from calc import add, mul

def main():
    print(add(5,5))
    print(mul(5, 5))

if __name__ == '__main__':
    main()
```

Teilaufgabe 4

```
# Add import statement for add as addition  
and mul as multiplication from calc  
from calc import add as addition, mul as  
multiplication  
  
def add(num1, num2):  
    '''  
        Builds the sum of two numbers and prints  
the result  
        :param num1: first number  
        :param num2: second number  
        :return: None  
    '''  
    print(num1 + num2)
```

Teilaufgabe 5

```
#Add import statement for calculator in lib  
package  
from lib import calculator  
  
def main():  
    print(calculator.add(5,5)) # function add  
from module calc  
    print(calculator.mul(5,5)) # function mul  
from module calc  
  
if __name__ == '__main__':  
    main()
```

Teilaufgabe 6

```
#Add import statement for add and mul from  
calculator in lib package  
from lib.calculator import add, mul  
  
def main():  
    print(add(5,5)) # function add from
```

```
lib.calculator calc
    print(mul(5,5)) # function mul from
lib.calculator calc

if __name__ == '__main__':
    main()
```

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Last update: 2025/06/23 07:45

