

python1

January 20, 2024

```
[42]: print('Hello, my name is Sukhdeep Sudan!')  
      print('Pronunciation: sook-deep / sue-daan')
```

```
Hello, my name is Sukhdeep Sudan!  
Pronunciation: sook-deep / sue-daan
```

```
[2]: name = input('What is your name? ')
```

```
What is your name? Sukhdeep
```

```
[4]: print(name)
```

```
Sukhdeep
```

```
[5]: name
```

```
[5]: 'Sukhdeep'
```

```
[7]: print('Hello, my name is', name)
```

```
Hello, my name is Sukhdeep
```

```
[8]: first = 'sukhdeep'  
      last = 'sudan'  
  
      print(first,last)
```

```
sukhdeep sudan
```

```
[44]: print('hello {} {}!'.format('sukhdeep', 'sudan'))
```

```
hello sukhdeep sudan!
```

```
[14]: def greeting():  
      return "Hello"
```

```
[15]: greeting()
```

```
[15]: 'Hello'
```

```
[18]: def greeting(name):  
      return f"hello {name}!"  
  
      greeting("sukhdeep")
```

```
[18]: 'hello sukhdeep!'
```

```
[24]: greeting("GitHub")
```

```
[24]: 'hello GitHub!'
```

```
[25]: greeting("everyone on GitHub")
```

```
[25]: 'hello everyone on GitHub!'
```

```
[26]: def greeting(first, last):  
      return f"Hello {first} {last}!"
```

```
[28]: greeting("SUKHDEEP", "SUDAN")
```

```
[28]: 'Hello SUKHDEEP SUDAN!'
```

```
[29]: greeting("SUKHDEEP", "SUDAN").lower()
```

```
[29]: 'hello sukhdeep sudan!'
```

```
[30]: greeting("SUKHDEEP", "SUDAN").upper()
```

```
[30]: 'HELLO SUKHDEEP SUDAN!'
```

```
[33]: greeting(first="SukhDEEP", last="SuDAN").lower()
```

```
[33]: 'hello sukhdeep sudan!'
```

```
[36]: greeting("Sukhdeep", last="sudan")
```

```
[36]: 'Hello Sukhdeep sudan!'
```

```
[47]: len(greeting("SUKHDEEP", "SUDAN"))  
  
      #Hello SUKHDEEP SUDAN! = 21 length
```

```
[47]: 21
```

```
[52]: message = "Hello Everyone on GitHub "
```

```
[53]: len(message)
```

[53]: 25

```
[54]: print(message.upper())
```

HELLO EVERYONE ON GITHUB

```
[55]: print(message.lower())
```

hello everyone on github

```
[56]: print(message.strip())
```

Hello Everyone on GitHub

```
[62]: message = "Hello Everyone on GitHub "  
      print(message.replace("Everyone", "coders"))
```

Hello coders on GitHub

```
[63]: mylist = message.split()  
      print(mylist)
```

['Hello', 'Everyone', 'on', 'GitHub']