

demo01

June 9, 2021

```
[1]: # valid function definition without type hint
def print_hung_tien_in_map(input):
    print(input["Hung-Tien Huang"])
```

```
[2]: # valid function call
input = dict({"Hung-Tien Huang": "279-FR", "Chien-Ping, Wu": "KKA-0580"})
print_hung_tien_in_map(input)
```

279-FR

```
[3]: # generate type error
input = list(["Hung-Tien Huang", "Chien-Ping, Wu"])
print_hung_tien_in_map(input)
```

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TypeError                                Traceback (most recent call last)
c:
  ↳ \Users\Fred\Documents\SchoolWork\University\3\CSCE330\presentation\src\python_demo01.
  ↳ py in <module>
      1 # generate type error
      2 input = list(["Hung-Tien Huang", "Chien-Ping, Wu"])
----> 3 print_hung_tien_in_map(input)

c:
  ↳ \Users\Fred\Documents\SchoolWork\University\3\CSCE330\presentation\src\python_demo01.
  ↳ py in print_hung_tien_in_map(input)
      1 # valid function definition without type hint
      2 def print_hung_tien_in_map(input):
----> 3     print(input["Hung-Tien Huang"])
      4

TypeError: list indices must be integers or slices, not str
```