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# Dictionary
# Key Value Pair - Hashmap
empty_dict = {}
print ("Empty Dictionary ->", empty_dict)

print ("-----")

emp_dict = {'Name':'Justin', 'Location':'Bangalore', 'salary':15000,
            'Name':'Davies'}
print ("Employee Dictionary ->", emp_dict, '->', type(emp_dict))

print ("Printing Name ->", emp_dict["Name"])

print ("-----")

# Adding Keys
emp_dict["Team"] = "Development"
print ("After adding Team ->", emp_dict)

print ("-----")

# Deleting the Keys
del(emp_dict["Location"])
print ("After deleting Location ->", emp_dict)

# del(emp_dict)

print ("-----")

# Methods
for key, value in emp_dict.items():
    print (key, '->', value)

print ("-----")

for key in emp_dict.keys():
    print ("Only Key ->", key)

for val in emp_dict.values():
    print ("Only Value ->", val)

print ("-----")

# Dictionary Comprehension
emp_loc = ["Bangalore", "Chennai", "Mumbai", "Pune", "Noida"]

dc = {loc: len(loc) for loc in emp_loc}
print ("Dictionary Comprehension ->", dc)
```



```
for item in dc.items():  
    print ("Item ->", item)  
    key, value = item  
    print (key, '->', value)  
  
print ("-----")
```