

Sathish_K_Rajendiran_Week3_Async_3.3_Using_Dictionaries

July 13, 2020

3.3 Using Dictionaries:

Create a dictionary of at least five contacts with first names and phone numbers, sort the list

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Task: 3.3 Using Dictionaries

Date: 7/13/2020

```
[1]: import os
      os.getcwd()
```

```
[1]: '/Users/sathishrajendiran/ist652-python'
```

```
[7]: #Create a dummy dictionary

myphonedict = {}
myphonedict
type(myphonedict)
```

```
[7]: dict
```

```
[78]: # Add items to dictionary - myphonedict

myphonedict['sathish'] = '470-623-7256'
myphonedict['sam'] = '623-470-2756'
myphonedict['joe'] = '756-632-4073'
myphonedict['ray'] = '243-720-5432'
myphonedict['kai'] = '925-780-2318'
myphonedict['jordan'] = '342-612-7729'
myphonedict
```

```
[78]: {'sathish': '470-623-7256',
      'sam': '623-470-2756',
      'joe': '756-632-4073',
      'ray': '243-720-5432',
      'kai': '925-780-2318',
      'jordan': '342-612-7729'}
```

[91]: *# Working with dictionaries*

```
sorted_dict = sorted(myphonedict.items(), key=lambda kv: kv[0])
```

```
# sorted_dict
```

```
for key, value in sorted_dict:
```

```
    print (key+'\phone number is', value)
```

```
joe'phone number is 756-632-4073
jordan'phone number is 342-612-7729
kai'phone number is 925-780-2318
ray'phone number is 243-720-5432
sam'phone number is 623-470-2756
sathish'phone number is 470-623-7256
```