

# Python Data Structures

Code Girls 2021-22



# Dictionaries





# Dictionaries

- Dictionaries are used to store data values in key:value pairs.
- Syntax:

```
thisdict = {  
  
    "brand": "Ford",  
  
    "model": "Mustang",  
  
    "year": 1964  
  
}
```



# Dictionaries

**clear()** - Removes all the elements from the dictionary

**copy()** - Returns a copy of the dictionary

**fromkeys()** - Returns a dictionary with the specified keys and value

**get()** - Returns the value of the specified key

**items()** - Returns a list containing a tuple for each key value pair

**keys()** - Returns a list containing the dictionary's keys

**pop()** - Removes the element with the specified key

**popitem()** - Removes the last inserted key-value pair

**setdefault()** - Returns the value of the specified key. If the key does not exist:  
insert the key, with the specified value

**update()** - Updates the dictionary with the specified key-value pairs

**values()** - Returns a list of all the values in the dictionary



# Let's do some practice!



Replit link:

<https://replit.com/@CodeGirls1/21-22-Python-Lecture-7?v=1>



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