

**JSC “Kazakh British Technical University”**

**School of Mathematic and Cybernetics**

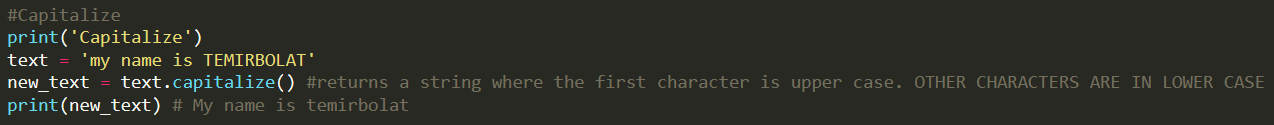
    Programming on Python

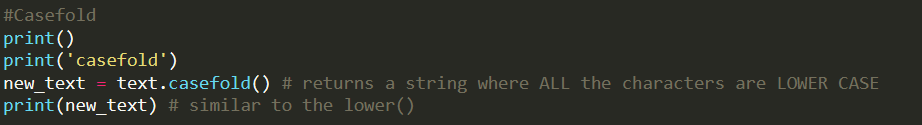
**Student Independent Work #1**

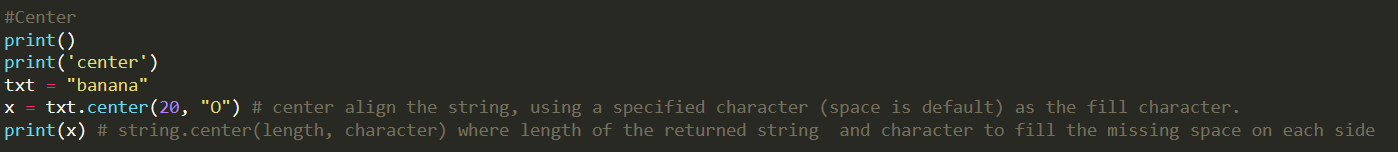
**Prepared by: Maratuly Temirbolat**

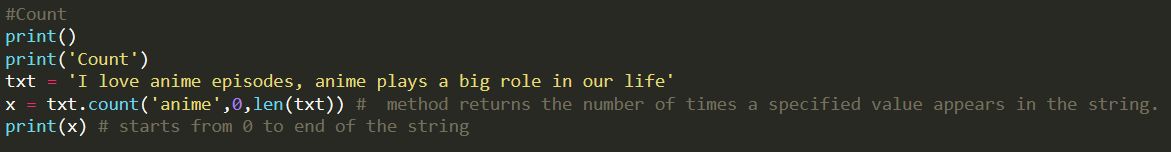
**Almaty 2021**

**String methods:**

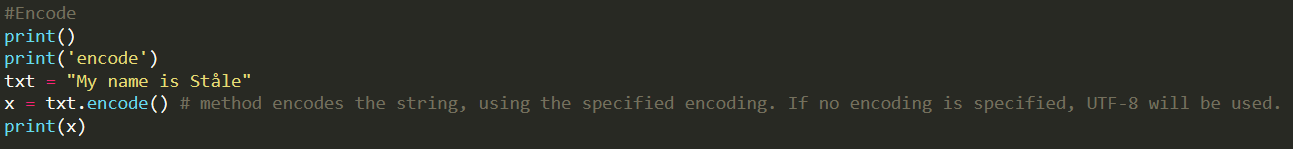
**1) capitalize()**

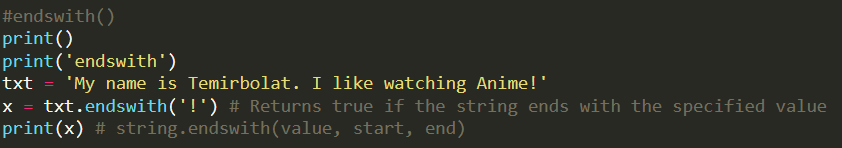
**2)casefold()**

**3)center()**

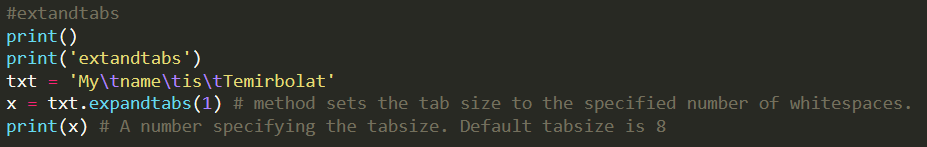
**4)count()**



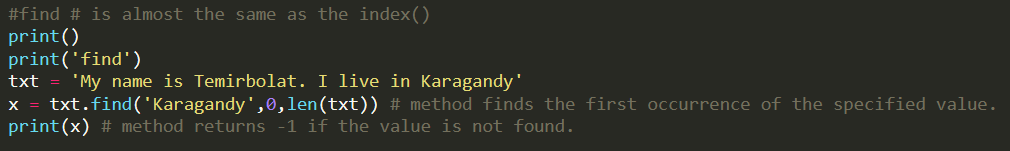
**5)encode()**

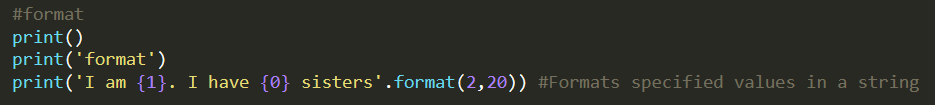
**6)endswith()**



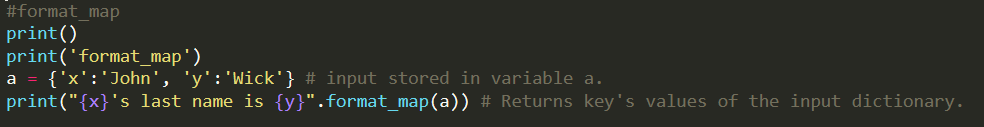
**7)expandtabs()**



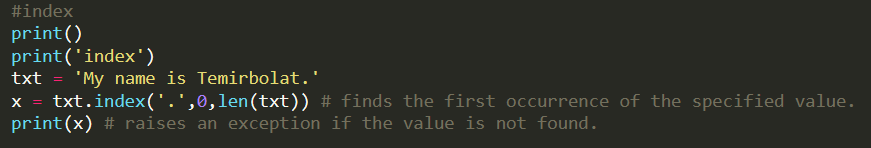
**8)find()**

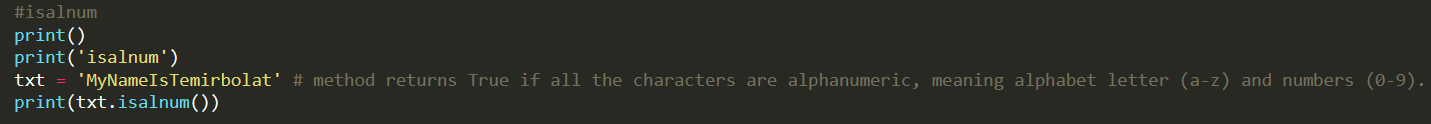
**9)format()**

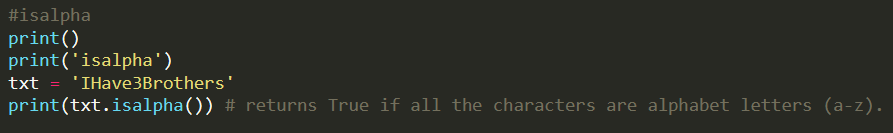
**10)format\_map()**



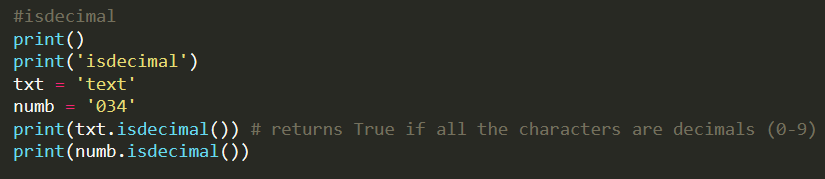


**11)index()**

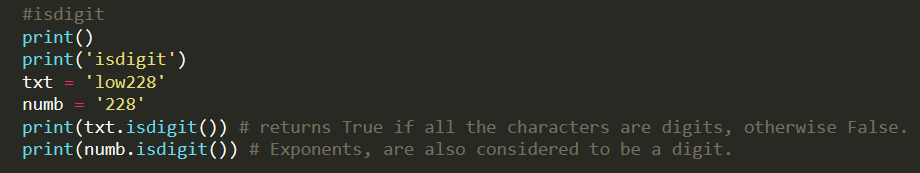
**12)isalnum()**

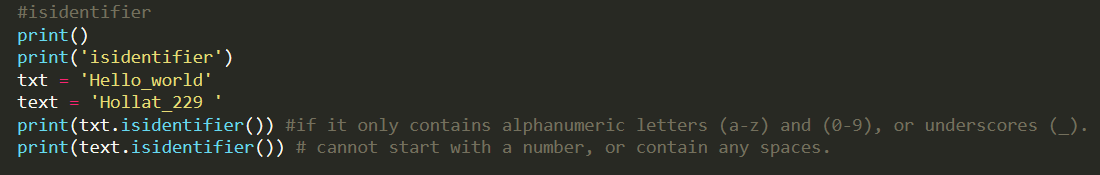
**13)isalpha()**

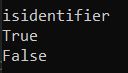


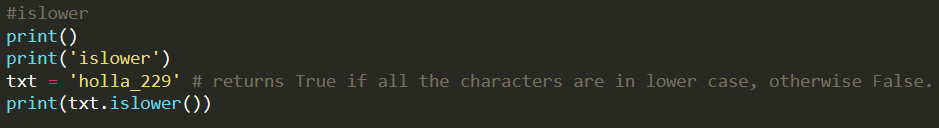
**14)isdecimal()**

**15)isdigit()**

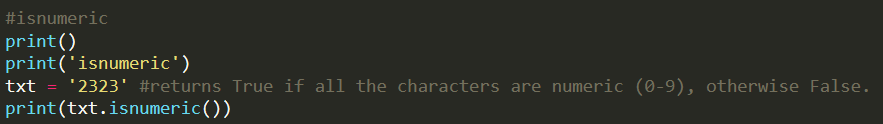


**16)isidentifier()**

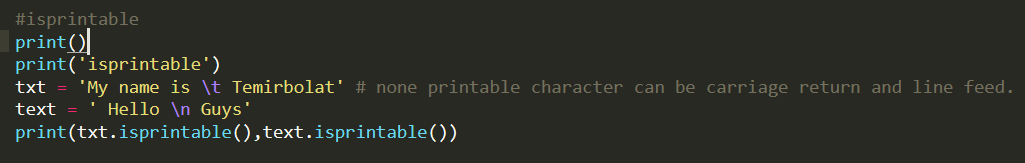


**17)islower()**

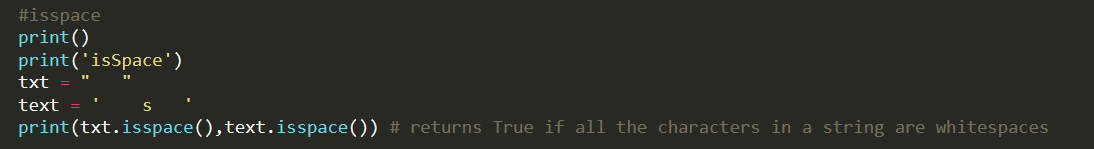


**18)isnumeric()**

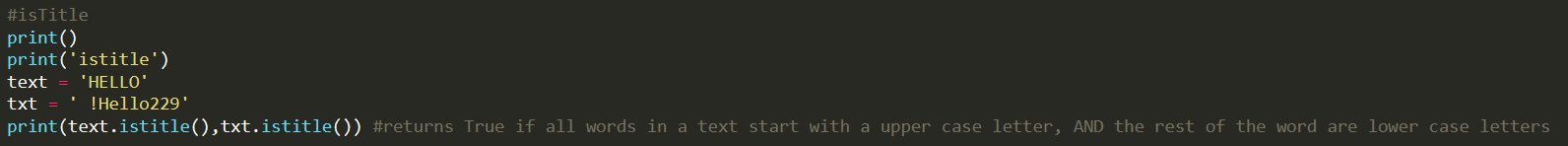
**19)isprintable()**



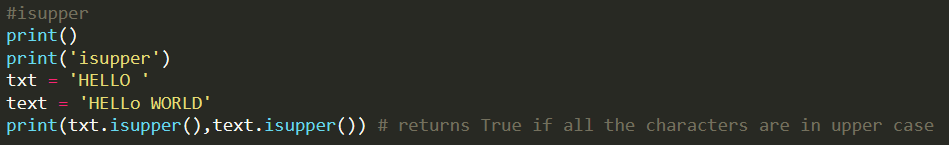


**20)isspace()**

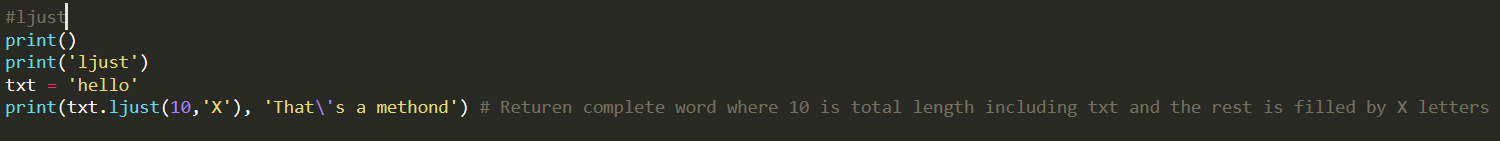


**21)istitle()**



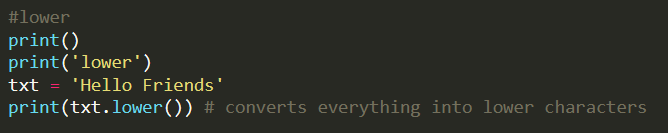
**22)isupper()**



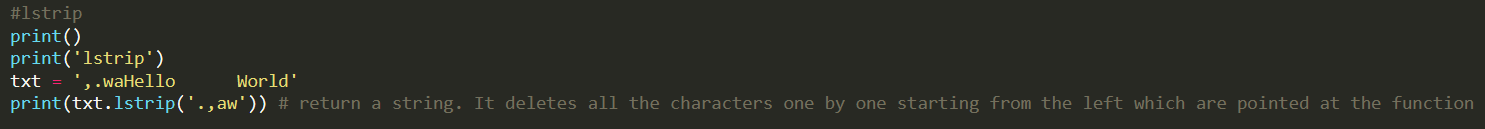
**23)ljust()**



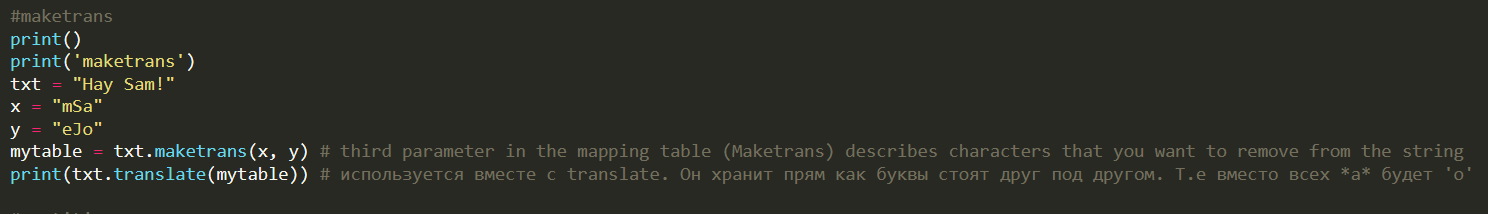
**24)lower()**



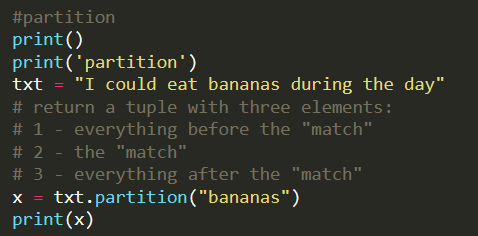


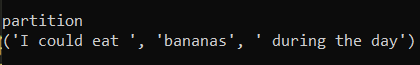
**25)lstrip()**

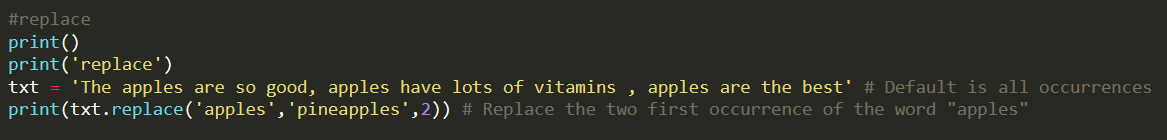


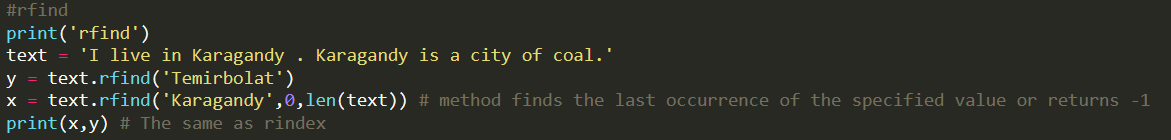
**26)maketrans()**

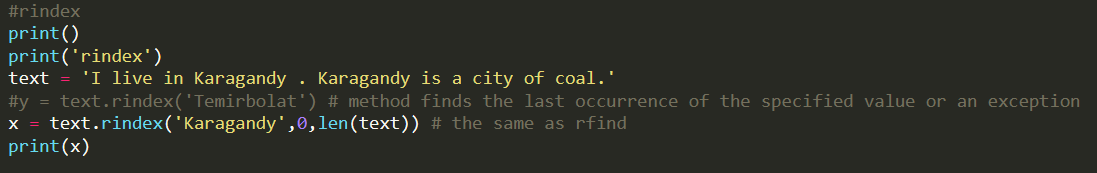


**27)partition()**

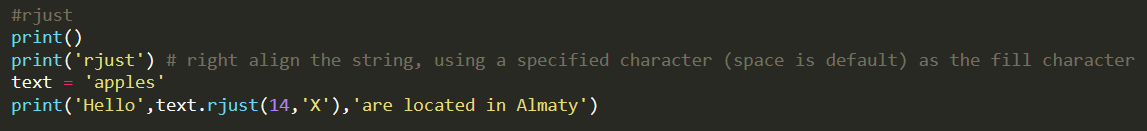


**28)replace()**

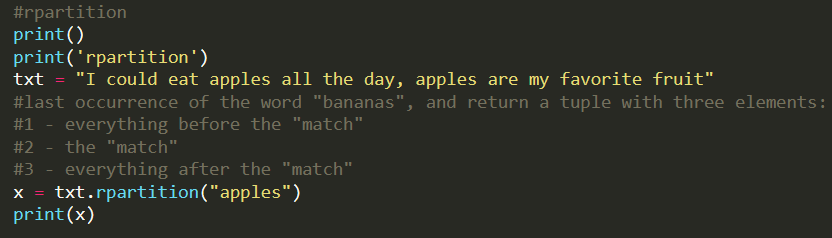
**29)rfind()**

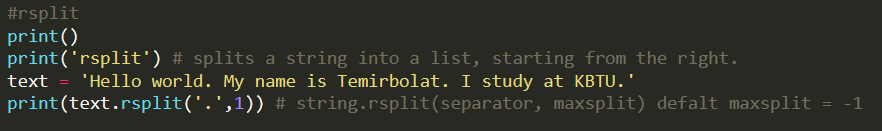
**30)rindex()**



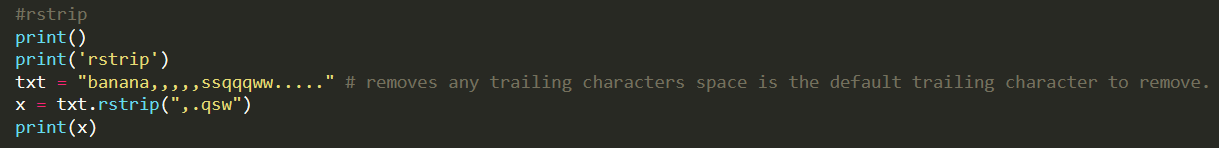
**31)rjust()**

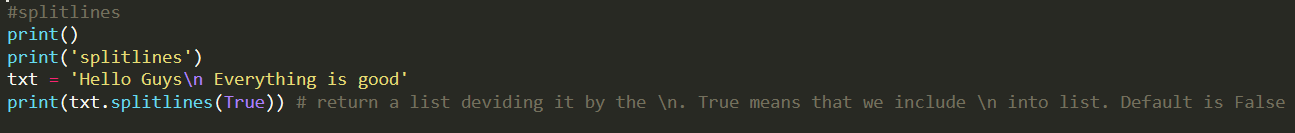


**32)rpartition()**

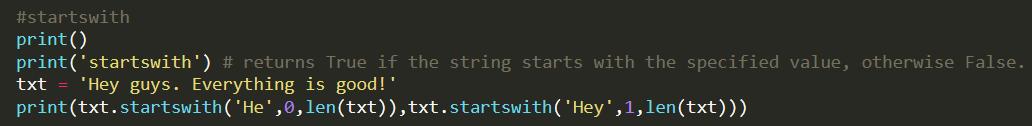
**33)rsplit()**

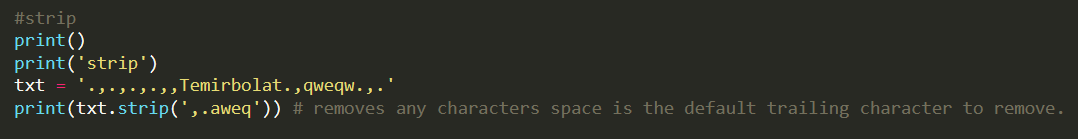


**34)rstrip()**

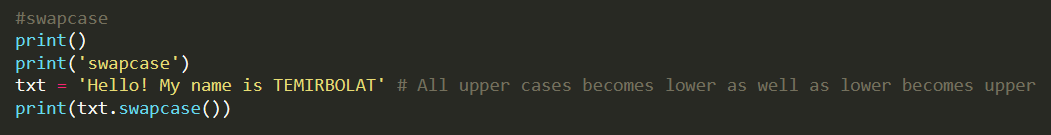
**36)splitlines()**

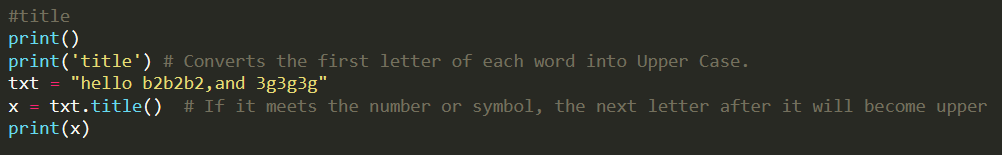


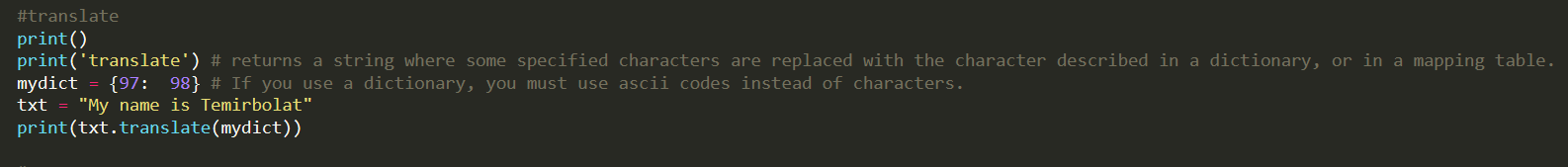
**37)startswith()**

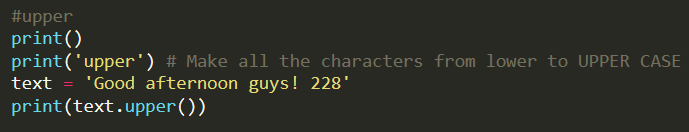
**38)strip()**

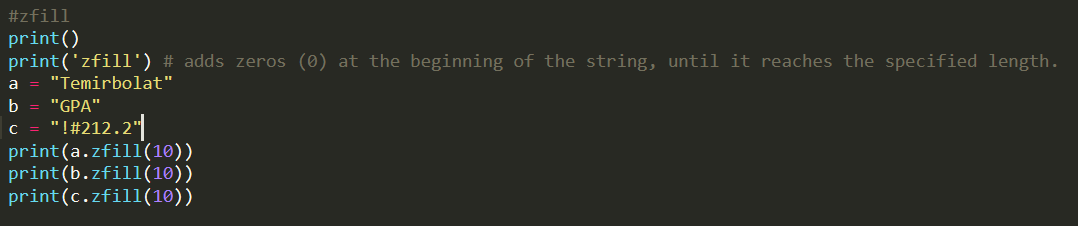
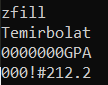


**39)swapcase()**

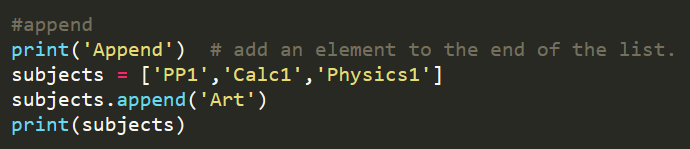
**40)title()**

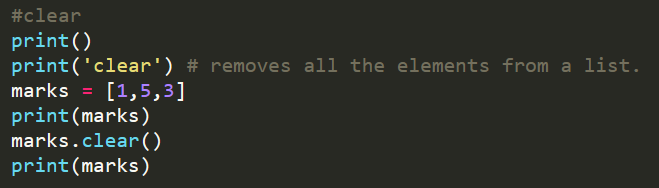
**41)translate()**

**42)upper()**

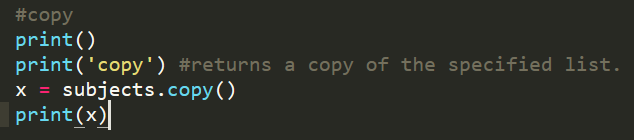
**43)zfill()**

**List methods:**

**1)append()**

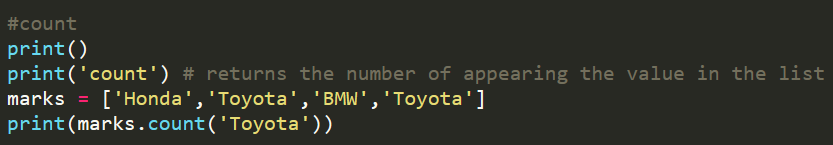
**2)clear()**



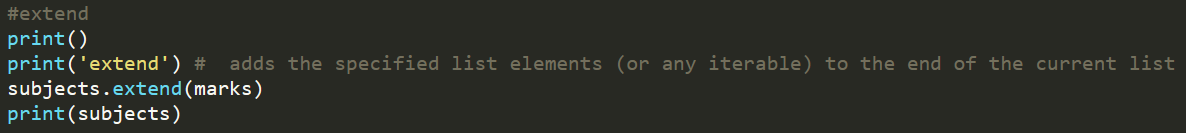
**3)copy()**

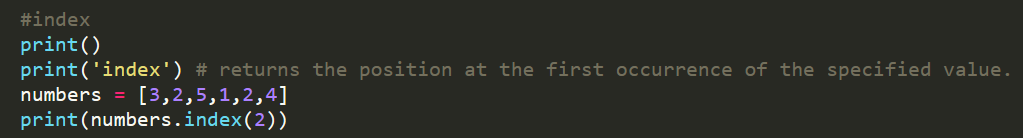


**4)count()**

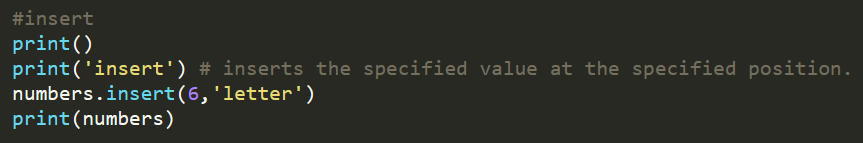


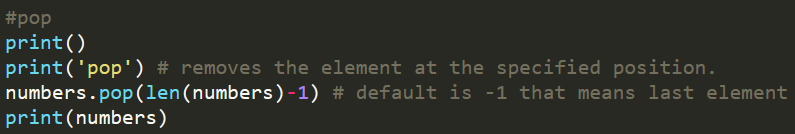


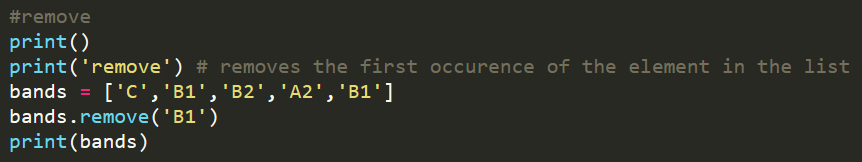
**5)extend()**

**6)index()**

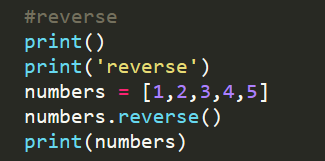


**7)insert()**

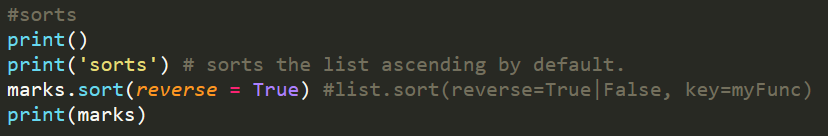
**8)pop()**

**9)remove()**



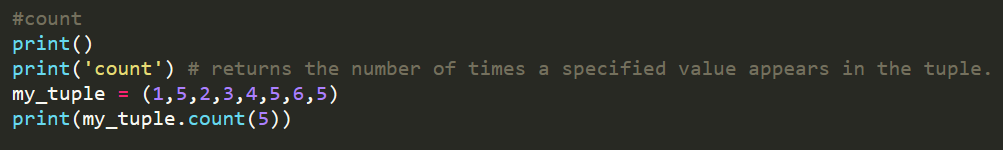
**10)reverse()**

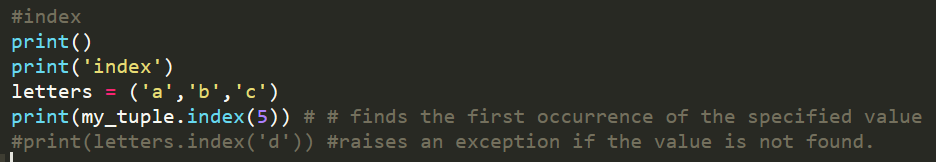


**11)sort()**

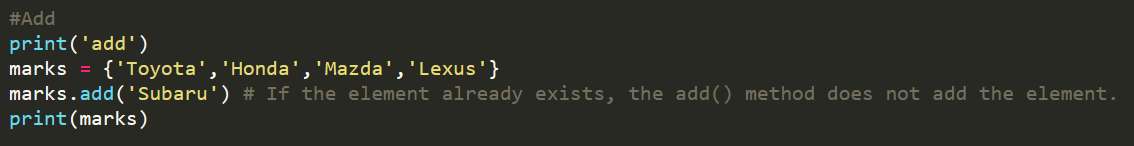


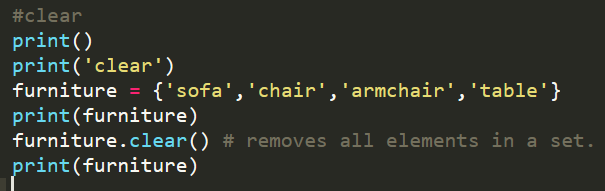
**Tuple Methods:**

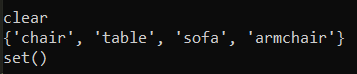
**1) count()**

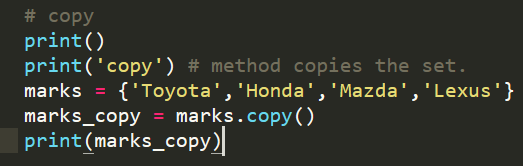
**2)index()**

**Set methods:**

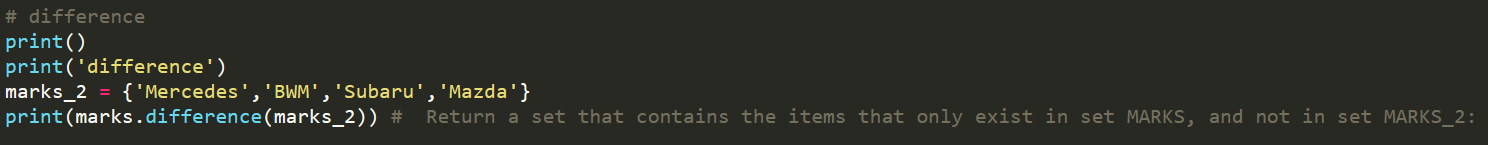
**1) add()**

**2) clear()**

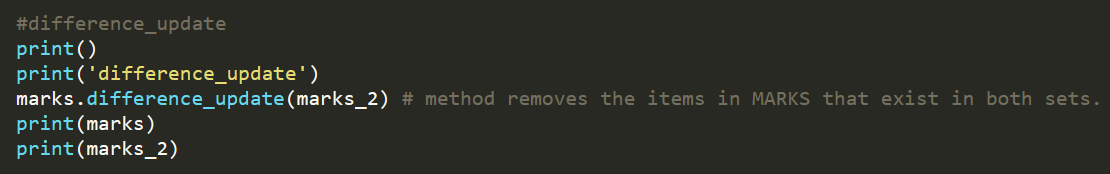


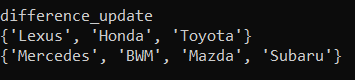
**3) copy()**

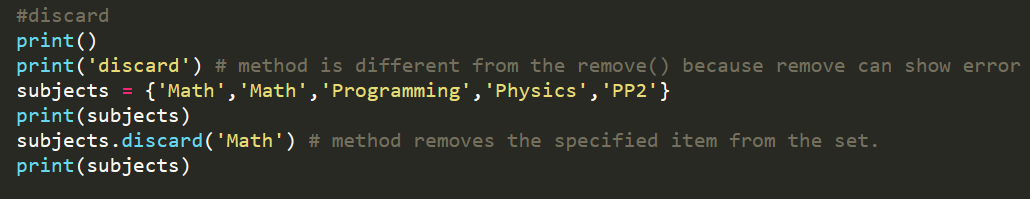
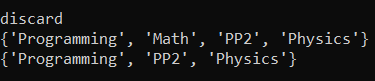


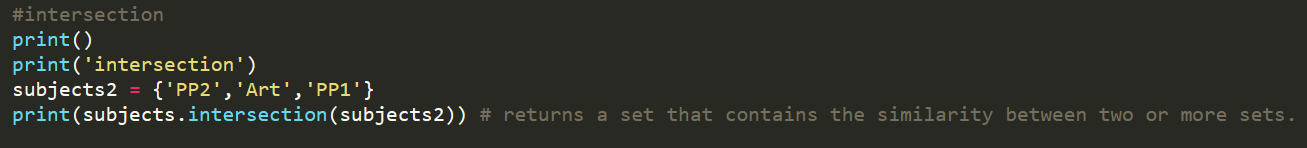
**4) difference()**

**5) difference\_update()**

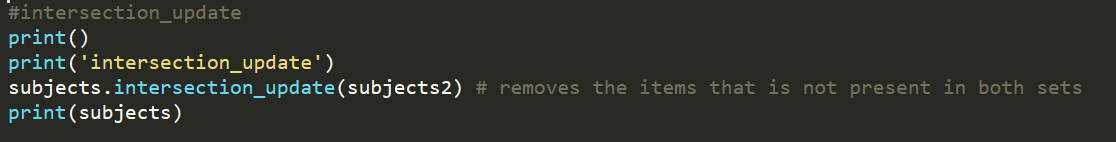


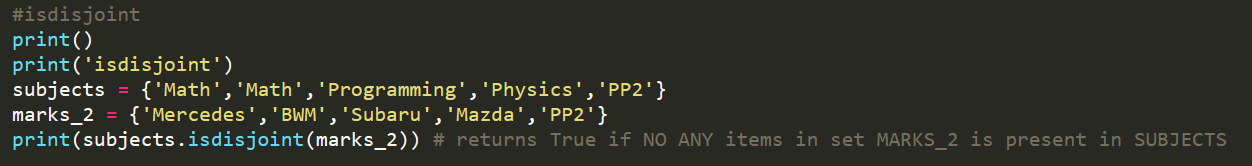


**6) discard()**

**7) intersection()**

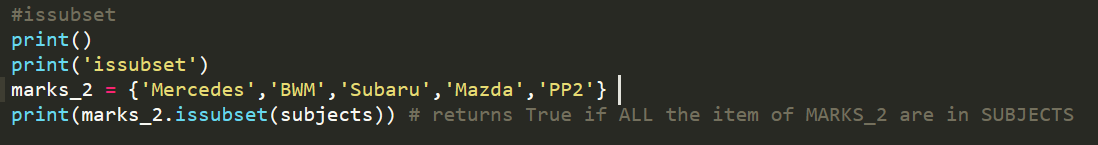


**8) intersection\_update()**

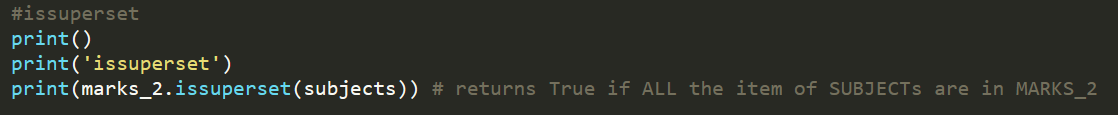
**9) isdisjoint()**



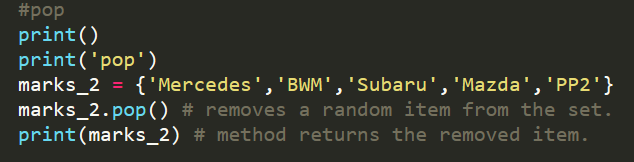
**10) issubset()**



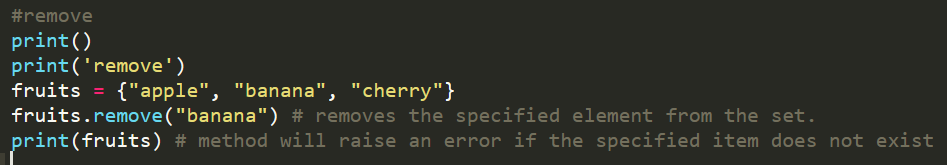


**11) issuperset()**

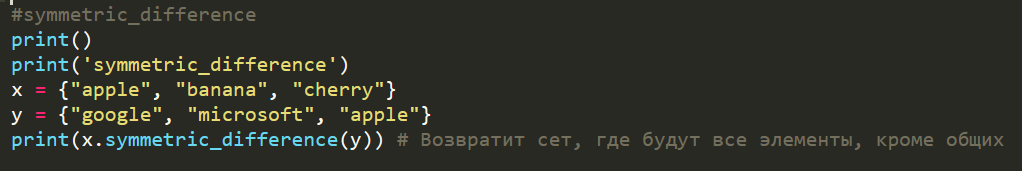


**12) pop()**

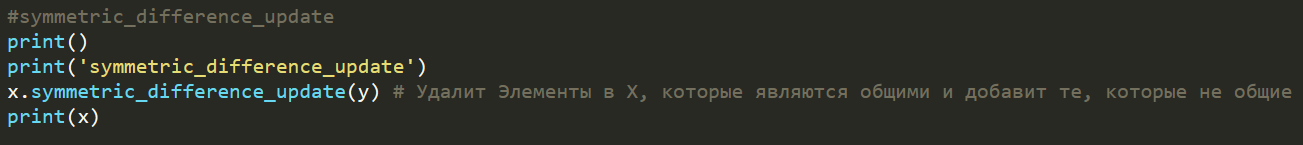


**13) remove()**

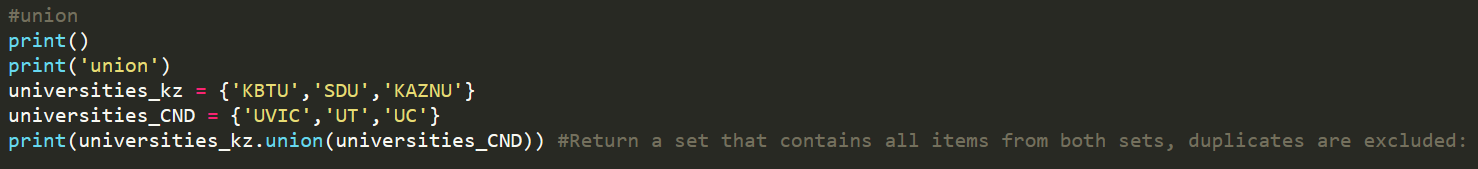


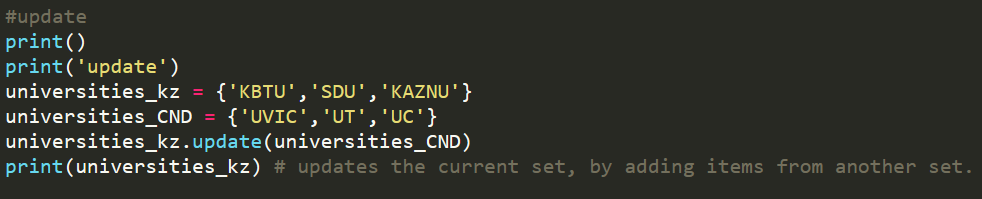
**14) symmetric\_difference()**



**15) symmetric\_difference \_update()**

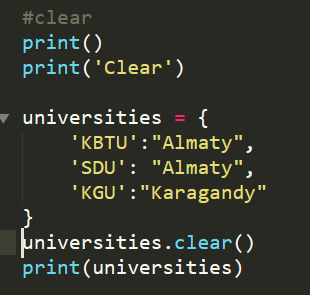


**16) union()**

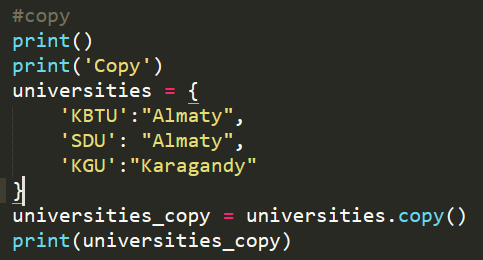
**17) update()**



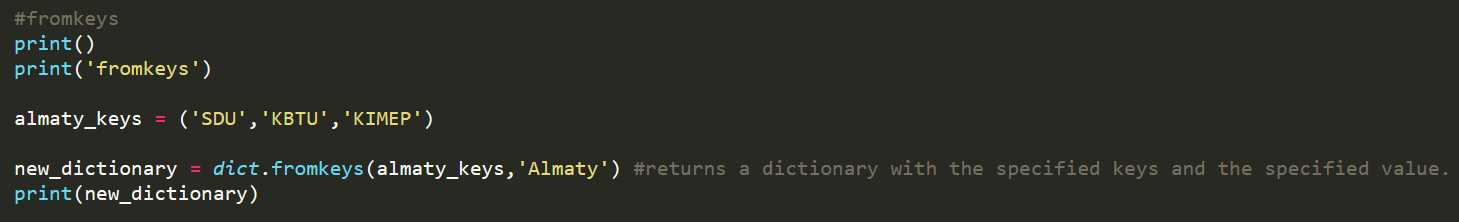
**Dictionary methods:**

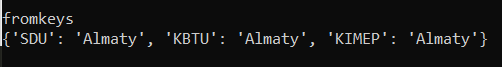
**1) clear()**

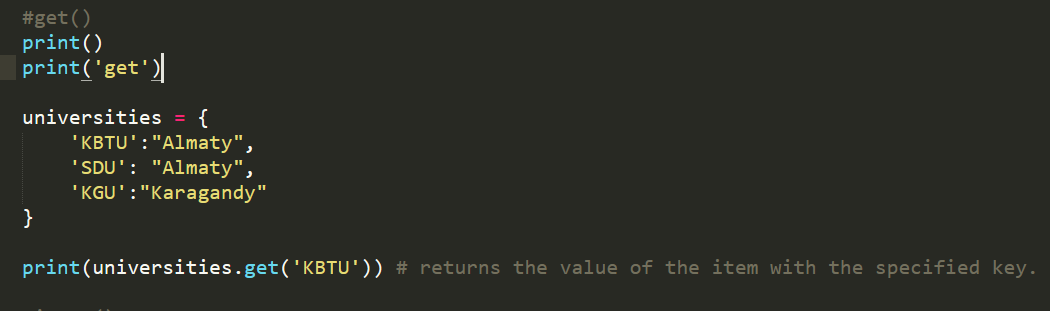


**2) copy()**

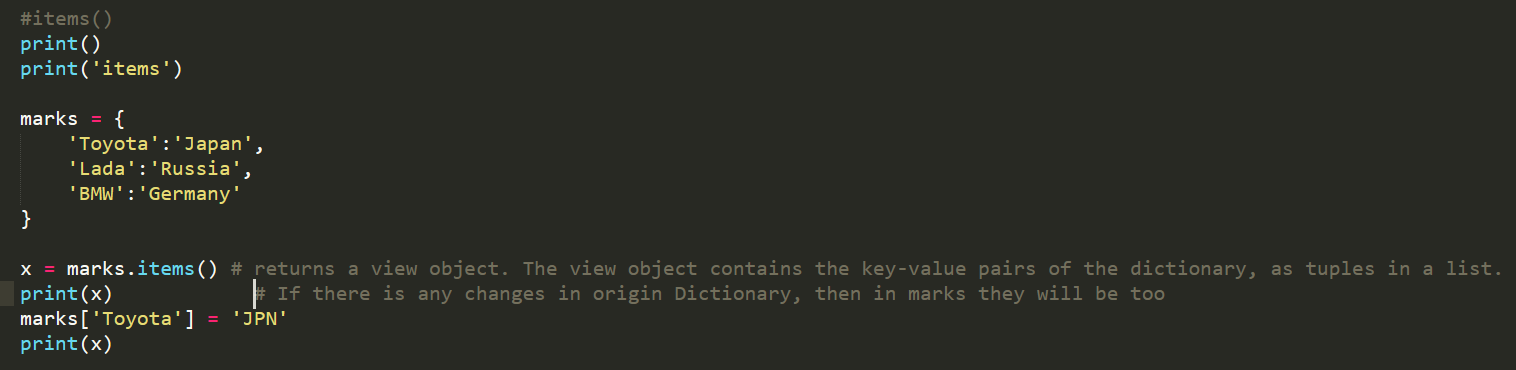
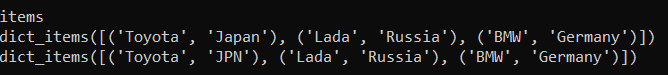


**3) fromkeys()**

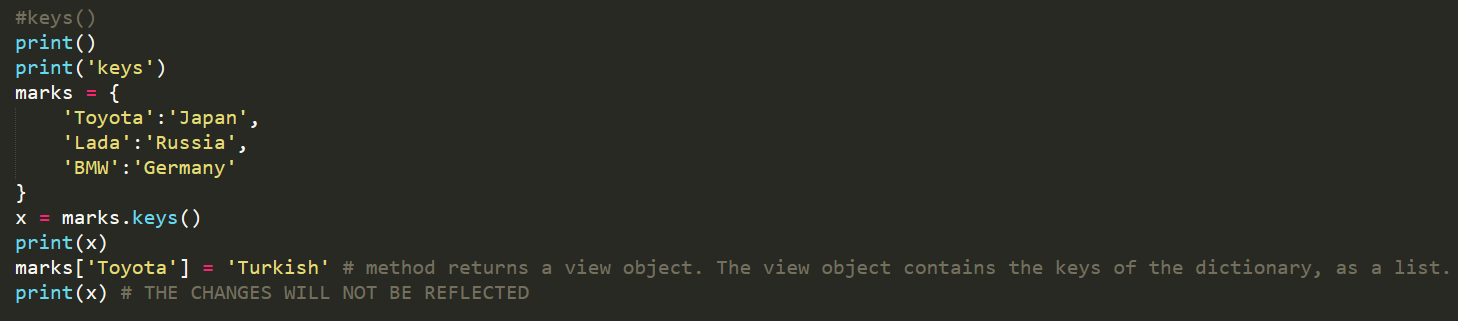


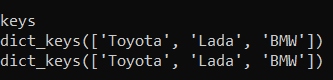
**4) get()**

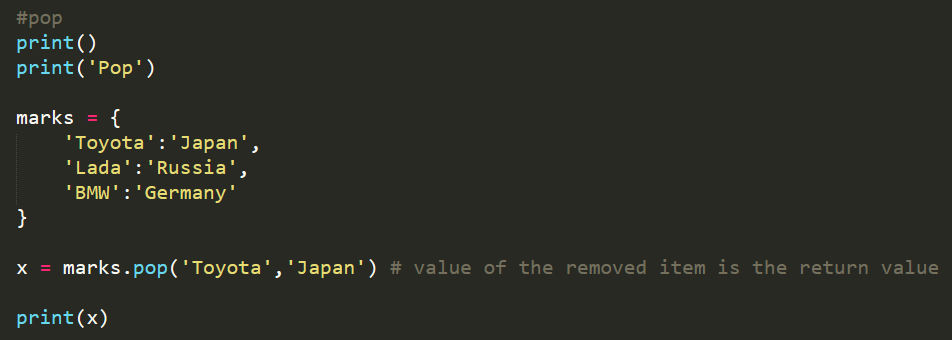


**5) items()**

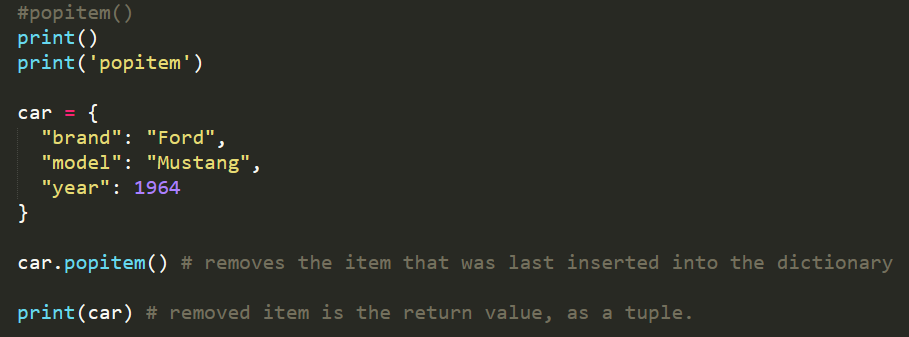
**6) keys()**





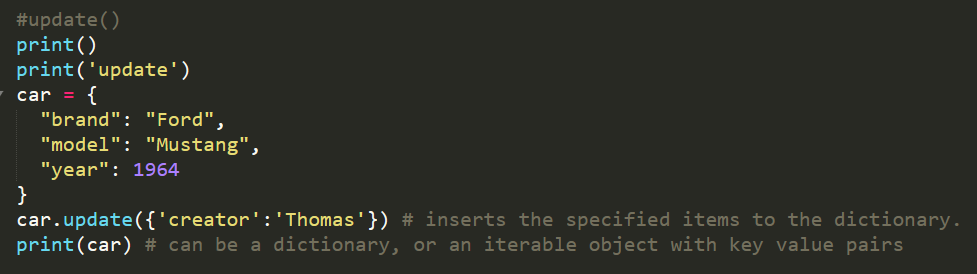
**7) pop()**



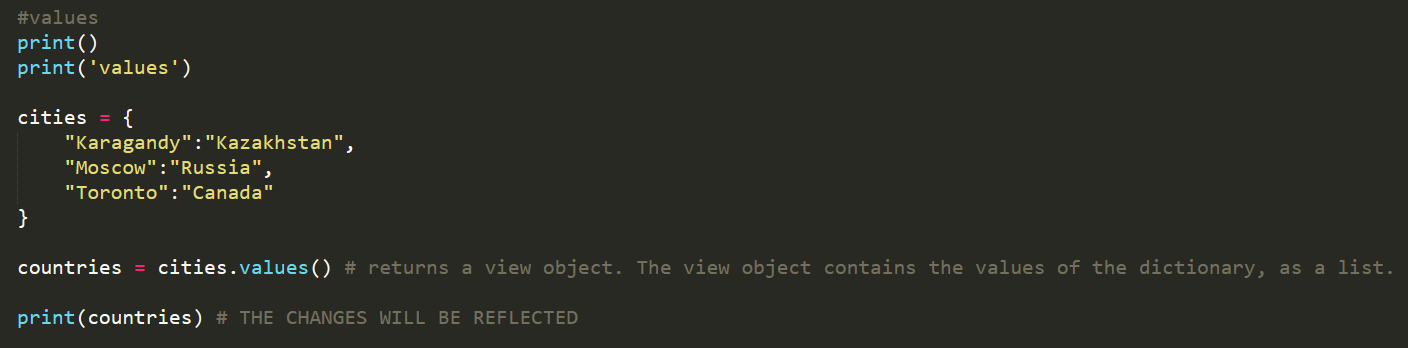
**8) popitem()**

**9) setdefault()**



**10) update()**



**11) values()**