```python
#1. Write a Pyhton script to merge two Python dictionaries.
fruits = {'apple':5,'banana':3,'orange':6,'watermelon':4}
dry_fruits = {'cashew':4,'almond':6,'pistachio':3}
fruits.update(dry_fruits)
print('Merged Dictionary:')
print(fruits)
print('\n')

#2. Write a python program to remove a key from dictionary.
del fruits['banana']
del fruits['almond']
print('After deleting banana and almond keys:')
print(fruits)
print('\n')

#3. Write a python program to map two lists into a dictionary.
a = ['AC1','AC2','AC3','AC4']
b = ['Altair','Ezio','Conner','Edward']
print('Original two lists:')
print(a)
print(b)
new_dict = dict(zip(a,b))
print('After mapping them into dictionary:')
print(new_dict)
print('\n')

#4. Write a python program to find the length of a set.
my_set = {1,2,3,4,5,6,7,8,9}
print(my_set,type(my_set))
print('Length of the set is:')
print(len(my_set))
print('\n')

#5. Write a python program to remove the intersection of a 2nd set from the 1st
set.
set1 = {1,2,3,4,5,6,7,8}
set2 = {6,7,8,9,10,11,12}
print('Original sets:')
print(set1)
print(set2)
set1.difference_update(set2)
print('After removing the intersection of a 2nd set from the 1st set:')
print(set1)
print(set2)
```

Output: -

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#1.
Merged Dictionary:
{'apple': 5, 'banana': 3, 'orange': 6, 'watermelon': 4, 'cashew': 4, 'almond': 6,
 'pistachio': 3}


#2.
After deleting banana and almond keys:
{'apple': 5, 'orange': 6, 'watermelon': 4, 'cashew': 4, 'pistachio': 3}


#3.
Original two lists:
['AC1', 'AC2', 'AC3', 'AC4']
['Altair', 'Ezio', 'Conner', 'Edward']

After mapping them into dictionary:
{'AC1': 'Altair', 'AC2': 'Ezio', 'AC3': 'Conner', 'AC4': 'Edward'}


#4.
{1, 2, 3, 4, 5, 6, 7, 8, 9} <class 'set'>
Length of the set is:
9


#5.
Original sets:
{1, 2, 3, 4, 5, 6, 7, 8}
{6, 7, 8, 9, 10, 11, 12}

After removing the intersection of a 2nd set from the 1st set:
{1, 2, 3, 4, 5}
{6, 7, 8, 9, 10, 11, 12}
```