1. Write a Python program to add 'ing' at the end of a given string (length should be at least 3). If the given string already ends with
 'ing', add 'ly' instead. If the string length of the given string is less than 3, leave it unchanged.
program:

```
str = input("enter a string: ")
if(len(str)>=3):
    if(str[-1]=='g' and str[-2]=='n' and str[-3]=='i'):
        str1=str+'ly'
        print(str1)
    else:
        str1=str+'ing'
        print(str1)
else:
    print(str)
```

---

2. Write a Python function that takes a list of words and return the longest word and the length of the longest one.
program:

```
def largest_word(list):
    longest_word=a[0]
    length=len(a[0])
    for i in list:
        if(len(i)>length):
            length=len(i)
            longest_word=i

    print("the longest word in the list:",longest_word ,";length of the longest word is:",length)


a=list(map(str,input("enter the words:").split()))
largest_word(a)
```

---

3. Write a Python program to pack consecutive duplicates of a given list of elements into sublists.

```
from collections import counter:
list=list(map(int,input("enter the elements: ").split()))
new=list(set(list))
print(new)
```

---

4. Write a Python program to find the item with the most occurrences in a given list.

program:

```
def most_frequent(List):
    count = 0
    num = List[0]

    for i in List:
        curr = List.count(i)
        if(curr> count):
            count = curr
            num = i

    return num

List =list(map(int,input("enter the elements: ").split()))
print(most_frequent(List))
```

---

5. Write a Python program to find the highest 3 values of corresponding keys in a dictionary.

```
from collections import Counter
my_dict={'t':3,'u':4,'h':6,'o':5,'r':10}
k=Counter(my_dict)
high=k.most_common(3)
print("dictionary with 3 highest values:")
for i in high:
    print(i[0]," :",i[1]," ")
```

---

6. Write a Python program to get the top three items in a shop.
Sample data: {'item1': 45.50, 'item2':35, 'item3': 41.30, 'item4':55, 'item5': 24}
Expected Output:
item4 55
item1 45.5
item3 41.3

```
def get_top_three_items(shop_items):
    sorted_items = sorted(shop_items.items(), key=lambda x: x[1], reverse=True)
    top_three_items = sorted_items[:3]

    return top_three_items

if __name__ == "__main__":
    shop_items = {
        "Item1": 45.50,
        "Item2": 35,
        "Item3": 41.30,
        "Item4": 55,
```

```
        "Item5": 24
    }


    top_three_items = get_top_three_items(shop_items)


    print("Top Three Items:")
    for item, ranking in top_three_items:
        print(f"{item}: {ranking}")
```
