

### Please complete the program so that it will accept a sentence (sentence\_1) and check if any word in this sentence\_1 matches with the words in other sentence (sentence\_2). Add matching words to arrMatch  
### You are not supposed to print the output. arrMatch is printed at the end  
### Note : The match should be case sensitive.

```
arrMatch = []  
sentence_1 = input()  
sentence_2 = "This one is just a perfect idea waiting for completion"
```

```
arrMatch.sort()  
print(arrMatch)
```

```
7  ...  
8  
9  arrMatch=[]  
10 sentence_1=input()  
11 sentence_2="This one is just a perfect idea waiting for c  
12  
13 words1=set(sentence_2.split())  
14 words2=set(sentence_1.split())  
15  
16 arrMatch=list(words1.intersection(words2))  
17  
18  
19  
20 print(arrMatch)  
21
```

### Accept and store a two digit integer in arr (No validation needed)  
### Add only those numbers from arr, which are even, including the newly  
### added number and store the sum into variable provided - sumEven.  
### You should not print the output. sumEven is printed at the end

```
arr = [10, 19, 16, 22, 10, 19]  
num = int(input())  
arr.append(num)  
sumEven = 0
```

10  
11

```
for i in arr:  
    if i%2==0:  
        sumEven+=i
```

```
6  
7 ...  
8  
9 arr=[10,19,16,22,10,19]  
10 num=int(input())  
11 arr.append(num)  
12 sumEven = 0  
13 for i in arr:  
14     if i%2==0:  
15         sumEven+=i  
16 print(sumEven)  
17  
18
```



### Please complete the program so that it will accept a sentence (sentence)  
### and add every word from this sentence to arrUnique only once, even if  
### it occurs multiple time in the sentence.  
### You are not supposed to print the output. arrUnique is printed at the end  
### Note : The match for uniqueness should be case sensitive.

```
arrUnique = []  
sentence = input()
```

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10  
11

```
for i in sentence:  
    arrUnique.append(i)
```

```
arrUnique.sort()  
print(arrUnique)
```

```
7  
8  
9 arrUnique=[]  
10 sentence=input()  
11 for i in sentence:  
12     arrUnique.append(i)  
13     arrUnique.sort()  
14 print(arrUnique)  
15  
16
```

Run ▶

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and create a dictionary my\_dict from  
and above key\_list and value\_list in the same sequence  
you should not print the output, my dict is printed at the end

```
my_dict = {}  
key_list = [100, 200, 300, 400]  
value_list = ['BOM', 'LHR', 'JFK', 'SIN']
```

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Online Python Compiler

Code, Compile, Run and Debug python

Write your code in this editor and press "Run" but

...

```
key_list = [100, 200, 300, 400]
```

```
value_list = ["BOM", "LHR", "SIN", "JFK"]
```

```
mydict = {}
```

```
for i in range(0, len(key_list)):
```

```
    mydict[key_list[i]] = value_list[i]
```

```
print(mydict)
```



```
### Accept and store a two digit integer in arr (No validation needed)
### Add only those numbers from arr, which have only one occurrence
### So numbers such as 10, 19 etc should not be summed up.
### You should store the sum in variable named - sumNoDup
### Note the number entered it may / may not be a duplicate
### You should not print the output. sumNoDup is printed at the end
```

```
arr = [10, 19, 16, 22, 10, 19, 18, 12]
num = int(input())
arr.append(num)
sumNoDup = 0
```

12  
13

I

```
print(sumNoDup )
```

```
7  ...
8
9  arr=[10,19,16,22,10,19,18,12]
10 num=int(input())
11 arr.append(num)
12 sumNoDup=0
13 dic={}
14 for i in arr:
15     if i in dic:
16         dic[i]+=1
17     else:
18         dic[i]=1
19
20 for i,j in dic.items():
21     if j==1:
22         sumNoDup+=i
23
24 print(sumNoDup)
25
```

### You should not print the output. It is printed at the end

```
my_dict = {1: 'Laptop', 2: 'TV', 3: 'Smartphone'}  
key_list = []  
value_list = []  
my_dict[4] = input()
```

```
10 for my_dict: I  
11  
12
```

```
6  
7 '''  
8  
9 my_dict={1:'Laptop',2:'Tv',3:'Smartphone'}  
10 key_list=[]  
11 value_list=[]  
12 my_dict[4]=input()  
13 for i,j in my_dict.items():  
14     key_list.append(i)  
15     value_list.append(j)  
16 print(key_list)  
17 print(value_list)  
18
```