

code1 Save Snippet Python 3.10

```
1 n = int(input())
2 D = {}
3 for i in range(n):
4     temp = input().strip()
5     temp = temp.replace(" ", "")
6     if temp.lower() not in D:
7         D[temp] = 1
8     else:
9         D[temp] += 1
10
11
12 res_non_occ = len(D)
13 print(res_non_occ)
14 for j in D.values():
15     print(j, end=" ")
```

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INPUT

```
5
aa
bb
aa
aa
cc
```

OUTPUT

```
3
3 1 1
```

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```
1 n = int(input())
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12 res_non_occ = len(D)
13 print(res_non_occ)
14 for j in D.values():
15     print(j, end=" ")

```

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INPUT

```
4
bcdef
abcdefg
bcde
bcdef

```

OUTPUT

```
3
2 1 1

```

code1

Save Snippet

Python 3.10

```
1 n = int(input())
2 D = {}
3 for i in range(n):
4     temp = input().strip()
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12 res_non_occ = len(D)
13 print(res_non_occ)
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```

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Debug

Reset Code

Run Code

INPUT

```
3
aa
bb
cc
```

OUTPUT

```
3
1 1 1
```

Save Snippet

Python 3.10

```
1 def creditCardNumber(cardNumber):
2
3     if cardNumber[0] not in "456":
4         return "Invalid"
5
6     count = cardNumber.count("-")
7     if count > 3:
8         return "Invalid"
9     if "-" in cardNumber:
10        number = cardNumber.split("-")
11        for i in number:
12            if len(i) != 4:
13                return "Invalid"
14        cardNumber = "".join(number)
15
16    if len(cardNumber) != 16:
17        return "Invalid"
18
19    if not cardNumber.isdigit():
```

Debug

Reset Code

Run Code

INPUT

```
6
4123456789123456
5123-4567-8912-3456
61234-567-8912-3456
4123356789123456
5133-3367-8912-3456
5123 - 3567 - 8912 - 3456
```

OUTPUT

```
Valid
Valid
Invalid
Valid
Invalid
Invalid
```

Save Snippet

Python 3.10

```
1 def creditCardNumber(cardNumber):
2
3     if cardNumber[0] not in "456":
4         return "Invalid"
5
6     count = cardNumber.count("-")
7     if count > 3:
8         return "Invalid"
9     if "-" in cardNumber:
10        number = cardNumber.split("-")
11        for i in number:
12            if len(i) != 4:
13                return "Invalid"
14        cardNumber = "".join(number)
15
16    if len(cardNumber) != 16:
17        return "Invalid"
18
19    if not cardNumber.isdigit():
```

Debug

Reset Code

Run Code

INPUT

```
5
42536258796157867
4424444424442444
5122-2368-7954 - 3214
44244x4424442444
0525362587961578
```

OUTPUT

```
Invalid
Invalid
Invalid
Invalid
Invalid
```

Save Snippet

Python 3.10

```
1 def creditCardNumber(cardNumber):
2
3     if cardNumber[0] not in "456":
4         return "Invalid"
5
6     count = cardNumber.count("-")
7     if count > 3:
8         return "Invalid"
9     if "-" in cardNumber:
10         number = cardNumber.split("-")
11         for i in number:
12             if len(i) != 4:
13                 return "Invalid"
14         cardNumber = "".join(number)
15
16     if len(cardNumber) != 16:
17         return "Invalid"
18
19     if not cardNumber.isdigit():
```

Debug

Reset Code

Run Code

INPUT

```
2
1111111111111111
4567891234657819
```

OUTPUT

```
Invalid
Valid
```