```
## [diamond pattern]
space = 4
for i in range(5):
    out=""
    if i<=2:
        out += " "*space
        out+=str(i+1) + ("    "+str(i+1))*i
        space-=2
    else:
        out += " "*space
        out+=str(i+1) + ("    "+str(i+1))*i
        space+=2
    print(out)
```

# Diamond Number Pattern



Submitted 15 hours ago • Score: 10.00

Status: Accepted

✔ Test Case #0

```
## [List Statistics]
def valid_list(l):
    if (type(l) != type([])) or (l==[]):
        return "Invalid input"
    else:
        for i in l:
            if type(i) != type(0):
                return "Invalid input"
        return "Valid input"

def unique_nums(l):
    lis = []
    cnt=0
    for i in l:
        if i not in lis:
            lis.append(i)
            cnt+=1
    print(cnt)

def smallest_num(l):
    l.sort()
    print(l[0])

def largest_num(l):
    l.sort()
    print(l[-1])

def avg_list(l):
    div = 0
    sum_ = 0
    for i in l:
        sum_+=i
        div+=1
    if sum_/div <0:
        print(sum_//div +1)
    else:
        print(sum_//div)
```

# List Statistics

Problem | Submissions | Leaderboard | Discussions

Submitted 16 hours ago • Score: 10.00 Status: Accepted

| | | |
|---|---|---|
| ✔ Test Case #0 | ✔ Test Case #1 | ✔ Test Case #2 |
| ✔ Test Case #3 | ✔ Test Case #4 | ✔ Test Case #5 |
| ✔ Test Case #6 | ✔ Test Case #7 | ✔ Test Case #8 |
| ✔ Test Case #9 | | |

```
## [string's similarity]
def string_same(str1, str2):
    if len(str1) != len(str2):
        print("Invalid input")
        return
    cnt= 0
    for i in range(len(str1)):
        if str1[i] == str2[i]:
            print(str1[i])
            cnt+=1
    print(cnt)
```

# Strings' Similarity



Submitted 17 hours ago • Score: 10.00 Status: Accepted

| | | |
|---|---|---|
| ✔ Test Case #0 | ✔ Test Case #1 | ✔ Test Case #2 |
| ✔ Test Case #3 | ✔ Test Case #4 | ✔ Test Case #5 |
| ✔ Test Case #6 | ✔ Test Case #7 | |