

## ▼ Higher or lower

```
import random as rd
from art import logo, vs
from data import data
from IPython.display import clear_output

l0=[]

l1=[]

def contest(list1, data1):
    """Define the number of the contestant
    """
    list1.append(rd.randint(0,len(data1)-1))
    return list1

def participants(dict1, list1):
    """ Define the info of the contestant"""
    list_info=[]
    for i in range(2):
        list_info.append(dict1[list1[i]].get("name"))
        list_info.append(dict1[list1[i]].get("description"))
        list_info.append(dict1[list1[i]].get("country"))
        list_info.append(dict1[list1[i]].get("follower_count"))
    return list_info

def comparator(selector, other, list1, list2):
    """ Compares the number of followers
    of the contestants and decides a winner"""
    score=0 #Globales
    should_end = False #Globales
    while not should_end:
        clear_output()
        if selector > other:
            print(logo)
            score += 1
            print(f"You're right! Current score: {score}")

            for i in range(0,4):
                list1.pop(0)
                list2.pop(0)
                contest(list2,data)
```

```

list1=participants(data,list2)
print(f"Compare A: {list1[0]}, a {list1[1]}, from {list1[2]}.")
print(vs)
print(f"Against B: {list1[4]}, a {list1[5]}, from {list1[6]}.")
selector=input("Who has more followers? Type 'A' or 'B': ")
if selector=="A" or "a":
    selector=list1[3]
    other=list1[7]
else:
    selector=list1[7]
    selector[3]
clear_output()
else:
    print(logo)
    print(f"Sorry, final score: {score}")
return

```

```

def begin():
    contest(l0,data)
    contest(l0,data)

    if l0[0]==l0[1]:
        l0[1]=rd.randint(0,len(data)-1)

    print(l0)
    info=participants(data,l0)

    score_a=info[3]
    score_b=info[7]
    print(logo)
    print(f"Compare A: {info[0]}, a {info[1]}, from {info[2]}.")
    print(vs)
    print(f"Against B: {info[4]}, a {info[5]}, from {info[6]}.")
    other=0
    selector=input("Who has more followers? Type 'A' or 'B': ")

    if selector=="A" or selector=="a":
        selector = score_a
        other = score_b
    else:
        selector = score_a
        other = score_b
    comparator(selector, other, info, l0)

```

```
begin()
```



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Sorry, final score: 1

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