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In [ ]: # BREAKING THE GAME INTO SETS OF PROBLEMS

# 1 Display the art
# 2 Generate random account from the game data
# 3 Format the account data into printable format
# 4 ask user for guess
# 5 check if user is correct
# 6 Get follower count of each account
# 7 Give user feedback on their guess
# 8 Track the score
# 9 Make the game repeatable
# 10 Making account at position B becomes the next account at position A
# 11 Clear the screen between the rounds
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In [ ]: # art.py
# there are the ascii pictures from art.py
# can be used in main.py by typing import art
# or can be used by typing from art import logo, vs

logo = """
 _ _ _ _ _ 
 / / / (_)_ _ _ _ _ 
 / / / / _ \_ \_ \_ \_ 
 / _ _ / / / / / / / / 
/_ / /// \_, / / / \_ \_ \_ \_ 
   / / _ _ _ _ _ 
   / / _ \ | / / _ \_ \_ \_ \_ 
   / _ / / / / / / / _ \_ \_ \_ \_ 
/_ _ _ \_ _ _ /|_|_| \_ \_ \_ \_ \_ 
"""""

vs = """
 _ _ _ _ _ 
 | | / / _ _ _ 
 | | / / _ _ _ 
 | | / (_ ) 
 |_ _ / _ _ (_ ) 
"""""
```

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In [ ]: # game_data.py
# this contains the list which contains 50 dictionaries
# can be used in main.py by typing import game_data
# or can be used by typing from game_data import data

data = [
    {
        'name': 'Instagram',
        'follower_count': 346,
        'description': 'Social media platform',
        'country': 'United States'
    },
    {
        'name': 'Cristiano Ronaldo',
        'follower_count': 215,
        'description': 'Footballer',
        'country': 'Portugal'
    },
    {
```

```
'name': 'Ariana Grande',
'follower_count': 183,
'description': 'Musician and actress',
'country': 'United States'
},
{
  'name': 'Dwayne Johnson',
  'follower_count': 181,
  'description': 'Actor and professional wrestler',
  'country': 'United States'
},
{
  'name': 'Selena Gomez',
  'follower_count': 174,
  'description': 'Musician and actress',
  'country': 'United States'
},
{
  'name': 'Kylie Jenner',
  'follower_count': 172,
  'description': 'Reality TV personality and businesswoman and Self-Made B',
  'country': 'United States'
},
{
  'name': 'Kim Kardashian',
  'follower_count': 167,
  'description': 'Reality TV personality and businesswoman',
  'country': 'United States'
},
{
  'name': 'Lionel Messi',
  'follower_count': 149,
  'description': 'Footballer',
  'country': 'Argentina'
},
{
  'name': 'Beyoncé',
  'follower_count': 145,
  'description': 'Musician',
  'country': 'United States'
},
{
  'name': 'Neymar',
  'follower_count': 138,
  'description': 'Footballer',
  'country': 'Brasil'
},
{
  'name': 'National Geographic',
  'follower_count': 135,
  'description': 'Magazine',
  'country': 'United States'
},
{
  'name': 'Justin Bieber',
  'follower_count': 133,
  'description': 'Musician',
  'country': 'Canada'
},
{
```

```
'name': 'Taylor Swift',
'follower_count': 131,
'description': 'Musician',
'country': 'United States'
},
{
  'name': 'Kendall Jenner',
  'follower_count': 127,
  'description': 'Reality TV personality and Model',
  'country': 'United States'
},
{
  'name': 'Jennifer Lopez',
  'follower_count': 119,
  'description': 'Musician and actress',
  'country': 'United States'
},
{
  'name': 'Nicki Minaj',
  'follower_count': 113,
  'description': 'Musician',
  'country': 'Trinidad and Tobago'
},
{
  'name': 'Nike',
  'follower_count': 109,
  'description': 'Sportswear multinational',
  'country': 'United States'
},
{
  'name': 'Khloé Kardashian',
  'follower_count': 108,
  'description': 'Reality TV personality and businesswoman',
  'country': 'United States'
},
{
  'name': 'Miley Cyrus',
  'follower_count': 107,
  'description': 'Musician and actress',
  'country': 'United States'
},
{
  'name': 'Katy Perry',
  'follower_count': 94,
  'description': 'Musician',
  'country': 'United States'
},
{
  'name': 'Kourtney Kardashian',
  'follower_count': 90,
  'description': 'Reality TV personality',
  'country': 'United States'
},
{
  'name': 'Kevin Hart',
  'follower_count': 89,
  'description': 'Comedian and actor',
  'country': 'United States'
},
{
```

```
'name': 'Ellen DeGeneres',
'follower_count': 87,
'description': 'Comedian',
'country': 'United States'
},
{
  'name': 'Real Madrid CF',
  'follower_count': 86,
  'description': 'Football club',
  'country': 'Spain'
},
{
  'name': 'FC Barcelona',
  'follower_count': 85,
  'description': 'Football club',
  'country': 'Spain'
},
{
  'name': 'Rihanna',
  'follower_count': 81,
  'description': 'Musician and businesswoman',
  'country': 'Barbados'
},
{
  'name': 'Demi Lovato',
  'follower_count': 80,
  'description': 'Musician and actress',
  'country': 'United States'
},
{
  'name': "Victoria's Secret",
  'follower_count': 69,
  'description': 'Lingerie brand',
  'country': 'United States'
},
{
  'name': 'Zendaya',
  'follower_count': 68,
  'description': 'Actress and musician',
  'country': 'United States'
},
{
  'name': 'Shakira',
  'follower_count': 66,
  'description': 'Musician',
  'country': 'Colombia'
},
{
  'name': 'Drake',
  'follower_count': 65,
  'description': 'Musician',
  'country': 'Canada'
},
{
  'name': 'Chris Brown',
  'follower_count': 64,
  'description': 'Musician',
  'country': 'United States'
},
{
```

```
'name': 'LeBron James',
'follower_count': 63,
'description': 'Basketball player',
'country': 'United States'
},
{
  'name': 'Vin Diesel',
  'follower_count': 62,
  'description': 'Actor',
  'country': 'United States'
},
{
  'name': 'Cardi B',
  'follower_count': 67,
  'description': 'Musician',
  'country': 'United States'
},
{
  'name': 'David Beckham',
  'follower_count': 82,
  'description': 'Footballer',
  'country': 'United Kingdom'
},
{
  'name': 'Billie Eilish',
  'follower_count': 61,
  'description': 'Musician',
  'country': 'United States'
},
{
  'name': 'Justin Timberlake',
  'follower_count': 59,
  'description': 'Musician and actor',
  'country': 'United States'
},
{
  'name': 'UEFA Champions League',
  'follower_count': 58,
  'description': 'Club football competition',
  'country': 'Europe'
},
{
  'name': 'NASA',
  'follower_count': 56,
  'description': 'Space agency',
  'country': 'United States'
},
{
  'name': 'Emma Watson',
  'follower_count': 56,
  'description': 'Actress',
  'country': 'United Kingdom'
},
{
  'name': 'Shawn Mendes',
  'follower_count': 57,
  'description': 'Musician',
  'country': 'Canada'
},
{
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        'name': 'Virat Kohli',
        'follower_count': 55,
        'description': 'Cricketer',
        'country': 'India'
    },
    {
        'name': 'Gigi Hadid',
        'follower_count': 54,
        'description': 'Model',
        'country': 'United States'
    },
    {
        'name': 'Priyanka Chopra Jonas',
        'follower_count': 53,
        'description': 'Actress and musician',
        'country': 'India'
    },
    {
        'name': '9GAG',
        'follower_count': 52,
        'description': 'Social media platform',
        'country': 'China'
    },
    {
        'name': 'Ronaldo',
        'follower_count': 51,
        'description': 'Footballer',
        'country': 'Brasil'
    },
    {
        'name': 'Maluma',
        'follower_count': 50,
        'description': 'Musician',
        'country': 'Colombia'
    },
    {
        'name': 'Camila Cabello',
        'follower_count': 49,
        'description': 'Musician',
        'country': 'Cuba'
    },
    {
        'name': 'NBA',
        'follower_count': 47,
        'description': 'Club Basketball Competition',
        'country': 'United States'
    }
]

```

```

In [ ]: import art
        from art import logo, vs
        from game_data import data
        import random
        # In notebook format replit.clear() is not functioning correctly
        # its my local machine fault try it in the online python interpreters
        import replit

        score = 0

        ran_ch_1 = random.randint(0, 49)

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acc_b = data[ran_ch_1]

# Display the art
print(logo)

print()
game_should_continue = True

# Using while loop to repeat the program untill game_shoul_continue becomes fal
while game_should_continue:
    # Generate a random account from the game data
    acc_a = acc_b
    ran_ch_2 = random.randint(0, 49)
    acc_b = data[ran_ch_2]
    if acc_a == acc_b:
        ran_ch_3 = random.randint(0, 49)
        acc_b = data[ran_ch_3]

    # Format the account data into printable format
    def frm_dt(account):
        acc_name = account["name"]
        acc_count = account["follower_count"]
        acc_descr = account["description"]
        acc_country = account["country"]
        return(f"{acc_name}, a {acc_descr}, from {acc_country}")

    print(f"Compare A: {frm_dt(acc_a)}")

    print(art.vs)
    print()

    print(f"Against B: {frm_dt(acc_b)}")
    print()

    # Ask user for a guess

    guess = input("Who has more followers? Type 'A' or 'B': ")
    guess_1 = guess.upper()
    print()

    # Check if the user got it right
    # Function is defined to check whether the user got it right
    def check(guess, a_followers, b_followers):
        if a_followers > b_followers:
            return guess_1 == 'A'
        else:
            return guess_1 == 'B'

    a_follower_acc = acc_a["follower_count"]
    b_follower_acc = acc_b["follower_count"]

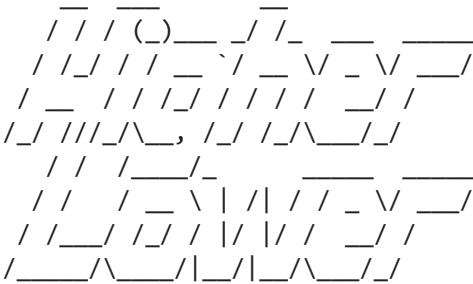
    is_correct = check(guess_1, a_follower_acc, b_follower_acc)

    # Give user feedback on their guess
    # Score tracking
    # Clear the previous output
    replit.clear()

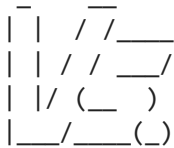
    print(art.logo)

```

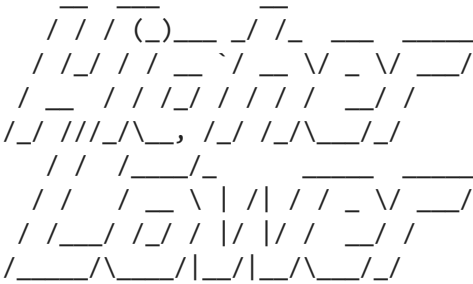
```
if is_correct:
    score = score + 1
    print(f"You are right, current score: {score}")
else:
    game_should_continue = False
    print(f"Sorry you are wrong, your final score is {score}")
```

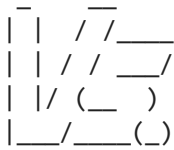
Compare A: Chris Brown, a Musician, from United States



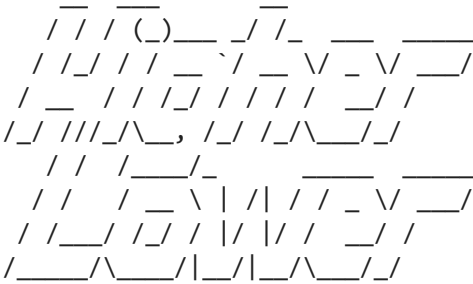
Against B: Ariana Grande, a Musician and actress, from United States



You are right, current score: 1
Compare A: Ariana Grande, a Musician and actress, from United States



Against B: Shakira, a Musician, from Colombia



Sorry you are wrong, your final score is 1