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# TikTokStar _ Sang Hwa Lee #

'''Function to Test'''
#This function takes a dictionary of stats and return true if the stats
# mean that the TikToker is famous. Famous TikTokers need:
#More than 1 mil views and 60k likes,
# or 200k shares and 40k favorites

def TikTokStar(dict):
    return (dict["views"] > 1000000 and dict["likes"] > 60000) or (dict["shares"] >
200000 and dict["favorites"] > 40000)

'''Test Cases'''
def test_TikTokStar_full():
    assert TikTokStar({"views":1000005, "likes":60010, "shares":201000,
"favorites":42000}) == True, "Should be True"

def test_TikTokStar_highviews():
    assert TikTokStar({"views":1000005, "likes":30000, "shares":1000,
"favorites":280}) == False, "Should be False"

def test_TikTokStar_highlikes():
    assert TikTokStar({"views":90000, "likes":70000, "shares":1000,
"favorites":209}) == False, "Should be False"

def test_TikTokStar_highshares():
    assert TikTokStar({"views":900000, "likes":9000, "shares":300000,
"favorites":200}) == False, "Should be False"

def test_TikTokStar_highfays():
    assert TikTokStar({"views":900000, "likes":9000, "shares":10000,
"favorites":60900}) == False, "Should be False"

def test_TikTokStar_viewlikes():
    assert TikTokStar({"views":1000005, "likes":60010, "shares":1900,
"favorites":200}) == True, "Should be True"

def test_TikTokStar_sharefays():
    assert TikTokStar({"views":900000, "likes":30000, "shares":201000,
"favorites":42009}) == True, "Should be True"

def test_TikTokStar_lowall():
    assert TikTokStar({"views":900000, "likes":30000, "shares":1090,
"favorites":200}) == False, "Should be False"

'''Running Tests'''
test_TikTokStar_full()
test_TikTokStar_highviews()
test_TikTokStar_highlikes()
test_TikTokStar_highshares()
test_TikTokStar_highfays()
test_TikTokStar_viewlikes()
test_TikTokStar_sharefays()
test_TikTokStar_lowall()

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