

Appendix: Python Code for NFL Players Quiz

```
import random
HOST='localhost'
PORT=6000
BUFSIZE=1024
ADDRESS=(HOST,PORT)

def ask_question(player, correct_team):
    """
    Function to ask a question about an NFL player's team,
    receive user input, and provide feedback.

    Parameters:
    - player (str): The name of the NFL player.
    - correct_team (str): The correct team of the NFL player.

    Returns:
    - bool: True if the user answered correctly and wants to continue,
    False otherwise.
    """
    attempts = 3

    while attempts > 0:
        answer = input(f"What team does {player} play for?
").strip().lower()

        if answer == correct_team.lower():
            print("Good Job! That is correct. Ready for the next
question?")
            return True
        else:
            attempts -= 1
            if attempts > 0:
                print(f"That is incorrect. Try again. {attempts} attempts
left.")
            else:
                print(f"Sorry, that's incorrect. The correct answer is
{correct_team}.")
            return False

def main():
    """
    Main function to run the NFL Players Quiz.
    """
    print("Would you like to begin?")
    start = input("Type 'yes' to begin: ").strip().lower()

    if start != 'yes':
        print("Okay, maybe next time. Goodbye!")
        return

    players = {
        "Patrick Mahomes": "Kansas City Chiefs",
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"Aaron Rodgers": "New York Jets",
"Tom Brady": "Tampa Bay Buccaneers",
"DeVonta Smith": "Philadelphia Eagles",
"Demarcus Lawrence": "Dallas Cowboys",
"Tristan Wirfs": "Tampa Bay Buccaneers",
"Harrison Smith": "Minnesota Vikings",
"Trevor Lawrence": "Jacksonville Jaguars",
"Jamaal Williams": "New Orleans Saints",
"Terry McLaurin": "Washington Commanders",
"Eric Kendricks": "Los Angeles Chargers",
"Marlon Humphrey": "Baltimore Ravens",
"Deandre Hopkins": "Tennessee Titans",
"Marshon Lattimore": "New Orleans Saints",
"Aidan Hutchinson": "Detroit Lions",
"Chris Lindstrom": "Atlanta Falcons",
"Justin Fields": "Chicago Bears",
"Laremy Tunsil": "Houston Texans",
"Za'Darius Smith": "Cleveland Browns",
"Terron Armstead": "Miami Dolphins",
"Tua Tagovailoa": "Miami Dolphins",
"Christian Wilkins": "Miami Dolphins",
"Mark Andrews": "Baltimore Ravens",
"Dre Greenlaw": "San Francisco 49ers",
"Talanoa Hufanga": "San Francisco 49ers",
"Geno Smith": "Seattle Seahawks",
"Tariq Woolen": "Seattle Seahawks",
"Trey Hendrickson": "Cincinnati Bengals",
"Garrett Wilson": "New York Jets",
"Budda Baker": "Arizona Cardinals",
"Lamar Jackson": "Baltimore Ravens",
"Joey Bosa": "Los Angeles Chargers",
"Matt Milano": "Buffalo Bills",
"Zack Martin": "Dallas Cowboys",
"Amon-Ra St. Brown": "Detroit Lions",
"Jared Goff": "Detroit Lions",
"Darius Slay": "Philadelphia Eagles",
"Aaron Jones": "Green Bay Packers",
"Bobby Wagner": "Seattle Seahawks",
"Deebo Samuel": "San Francisco 49ers",
"Trevon Diggs": "Dallas Cowboys",
"Dak Prescott": "Dallas Cowboys",
"Tony Pollard": "Dallas Cowboys",
"Mike Evans": "Tampa Bay Buccaneers",
"Cameron Jordan": "New Orleans Saints",
"Patrick Surtain": "Denver Broncos",
"Russell Wilson": "Denver Broncos",
"Diontae Johnson": "Pittsburgh Steelers",
"George Pickens": "Pittsburgh Steelers",
"TJ Watt": "Pittsburgh Steelers",
"Najee Harris": "Pittsburgh Steelers",
"Patrick Peterson": "Pittsburgh Steelers",
"Cameron Hayward": "Pittsburgh Steelers",
"Coopers Cupp": "Los Angeles Rams",
"Jaylen Waddle": "Miami Dolphins",

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    "Tyreek Hill": "Miami Dolphins",
    "Josh Allen": "Buffalo Bills",
    "Joe Burrow": "Cincinnati Bengals",
    "Travis Kelce": "Kansas City Chiefs",
    "Nick Bosa": "San Francisco 49ers",
    "Jalen Hurts": "Philadelphia Eagles",
    "Justin Jefferson": "Minnesota Vikings",
    "Josh Jacobs": "Las Vegas Raiders",
    "Davante Adams": "Las Vegas Raiders",
    "Aaron Donald": "Los Angeles Rams",
    "Micah Parsons": "Dallas Cowboys",

    # Add more players and teams as needed
}

player_list = list(players.keys())
random.shuffle(player_list)

for player in player_list:
    if not ask_question(player, players[player]):
        break

print("Thanks for playing!")

if __name__ == "__main__":
    main()

```