Feature Added

I've added a play_round function that handles the logic for playing one round of the game.

Bhavesh Khatri

```
import random

question_bank = [
    {
        "question": "What is the capital of India?",
        "options": ["New Delhi", "Mumbai", "Kolkata", "Chennai"],
        "correct_answer": "New Delhi",
    },
    {
        "question": "Which gas do plants use for photosynthesis?",
        "options": ["Oxygen", "Carbon Dioxide", "Hydrogen", "Nitrogen"],
        "correct_answer": "Carbon Dioxide",
    },
    {
        "question": "What does the expression `'Python' * 3` evaluate to?",
        "options": ["PythonPythonPython", "Python3", "Python,Python,Python", "TypeError"],
        "correct_answer": "PythonPythonPython",
    }
    # Add more questions here
]

level_winnings = [1000, 5000, 10000]

def display_question(question_data):
    print(question_data["question"])
    for i in range(len(question_data["options"])):
        option = question_data["options"][i]
        print(f"{i + 1}. {option}")

def play_round(level, total_winnings):
    question_data = random.choice(question_bank)
    display_question(question_data)

    while True:
        try:
            user_choice = int(input("Enter your choice (1-4): "))
        except ValueError:
            print("Invalid input. Please enter a number.")
            continue

        if user_choice < 1 or user_choice > 4:
            print("Invalid choice. Please enter a number between 1 and 4.")
            continue

        selected_option = question_data["options"][user_choice - 1]

        if selected_option == question_data["correct_answer"]:
            total_winnings += level_winnings[level]
            print("Correct answer! You won", level_winnings[level], "points.\n")
            return True, total_winnings
        else:
            print("Sorry, that's incorrect. The correct answer was:", question_data["correct_answer"], "\n")
            return False, total_winnings

def game():
    print("Welcome to Kaun Banega Crorepati!")
    total_winnings = 0

    while True:
        random.shuffle(question_bank)
        level = 0
        while level < len(level_winnings):
            won, total_winnings = play_round(level, total_winnings)
            if not won:
                print("You lost the game.")
                break
            level += 1

        print("Congratulations! You won a total of", total_winnings, "points.")
        play_again = input("Do you want to play again? (yes/no): ")
```

```
        play_again = input("Do you want to play again? (yes/no): ")
        if play_again.lower() != 'yes':
            break

    print("Thank you for playing!")

if __name__ == "__main__":
    game()
```

```
Welcome to Kaun Banega Crorepati!
What is the capital of India?
1. New Delhi
2. Mumbai
3. Kolkata
4. Chennai
Enter your choice (1-4): 3
Sorry, that's incorrect. The correct answer was: New Delhi

You lost the game.
Congratulations! You won a total of 0 points.
Do you want to play again? (yes/no): yes
What does the expression `'Python' * 3` evaluate to?
1. PythonPythonPython
2. Python3
3. Python,Python,Python
4. TypeError
Enter your choice (1-4): 1
Correct answer! You won 1000 points.

What does the expression `'Python' * 3` evaluate to?
1. PythonPythonPython
2. Python3
3. Python,Python,Python
4. TypeError
Enter your choice (1-4): 1
Correct answer! You won 5000 points.

What does the expression `'Python' * 3` evaluate to?
1. PythonPythonPython
2. Python3
3. Python,Python,Python
4. TypeError
Enter your choice (1-4): 1
Correct answer! You won 10000 points.

Congratulations! You won a total of 16000 points.
Do you want to play again? (yes/no): no
Thank you for playing!
```