Project Report: 21 Dares Game

Game Overview
The "21 Dares Game" is a fun and interactive game designed for players to engage in a mix of strategy and spontaneity. The game is played between a player and a computer, where the objective is to reach a total of 21 points without exceeding it. Players can choose to add 1, 2, or 3 points to the total on their turn. If a player reaches exactly 21 points, they win and can choose between a "truth" or a "dare" challenge. If the total exceeds 21, the player loses. The game also includes a computer opponent that randomly adds points to the total, making it unpredictable and exciting.

Concept
The game is based on the classic counting game where players take turns adding a certain number of points to a total. The twist in this version is the inclusion of "truth" and "dare" challenges, which adds an element of fun and engagement. The game encourages social interaction and can be played in various settings, such as parties or gatherings.

Reason for Choosing This Project
We chose to create the "21 Dares Game" because it combines elements of strategy, chance, and social interaction. It is a simple yet engaging game that can be enjoyed by people of all ages. Additionally, it allowed us to apply our programming skills in Python, particularly in using loops, conditionals, and randomization, while also creating a fun and interactive experience.

Team Contributions
- **Member 1 (Your Name)**: Responsible for designing the game logic, implementing the main gameplay mechanics, and ensuring the game runs smoothly.
- **Member 2 (Team Member Name)**: Focused on creating the lists of truths and dares, as well as handling user input and output.
- **Member 3 (Team Member Name)**: Assisted in testing the game, debugging any issues, and providing feedback on gameplay experience.

Code Explanation

```
import random
```

- **Imports the random module**: This allows the program to generate random numbers, which are used for the computer's moves and selecting random truths or dares.

```
truths = [
    "What is your biggest fear?",
    "Have you ever lied to your best friend?",
    "What's the most embarrassing thing you've ever done?",
    "If you could change one thing about yourself, what would it be?",
```

~~~
    "Have you ever kept a secret from your parents?"
]
```
~~~

- **Defines a list of truths**: This list contains various truth questions that can be asked when a player reaches 21 points.

~~~
dares = [
    "Do 10 push-ups!",
    "Sing your favorite song out loud!",
    "Dance for 30 seconds without music in front of class!",
    "Speak in a funny accent for the next 2 minutes!"
]
```
~~~

- **Defines a list of dares**: This list contains various dares that can be given to the player when they reach 21 points.

~~~
total = 0
print("Welcome to the 21 Dares Game!")
```
~~~

- **Initializes the total variable**: This variable keeps track of the current total points in the game, starting at 0.
- **Prints a welcome message**: This informs the player that the game has started.

~~~
while total < 21:
```
~~~

- **Starts a while loop**: This loop continues as long as the total is less than 21, allowing the game to progress.

~~~
.
    u = input("Your turn! Enter 1, 2, or 3: ").strip()
```
~~~

- **Prompts the player for input**: The player is asked to enter a number (1, 2, or 3) to add to the total. The `strip()` method removes any leading or trailing whitespace.

~~~
    if u not in ['1', '2', '3']:
        print("Invalid input. Please enter 1, 2, or 3.")
        continue
```
~~~

- **Validates user input**: If the input is not one of the valid options, an error message is displayed, and the loop continues to the next iteration.

.
    u = int(u)
    total += u
    print("Current total:", total)
```
- **Converts input to an integer**: The player's input is converted from a string to an integer.
- **Updates the total**: The chosen number is added to the total.
- **Prints the current total**: Displays the updated total to the player.

.
    if total == 20:
        print("Computer lost!")
        break
```
- **Checks for a winning condition**: If the total reaches 20, the computer loses, and the loop breaks.

.
    if total >= 21:
        print("Game Over!")
        choice = input("You reached