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#include <stdio.h>
#include <cs50.h>
#include <string.h>
#include <math.h>

int checkanswers(const char *users_answers, const char *correct_answers[], int num_answers)
{
    for (int i = 0; i < num_answers; i++)
    {
        if (strcmp(users_answers, correct_answers[i]) == 0)
        {
            return 1;
        }
    }
    return 0;
}

int main(void)
{
    const char *questions[] =
    {
        "Who is the all time leading scorer in the NBA?",
        "Who has the most 3 pointers all time in the NBA?",
        "What is the diameter of the Earth in kilometers?"
    };

    const char *answers[][6] =
    {
        {"LeBron James", "lebron james", "lebron", "LeBron"},
        {"Steph Curry", "steph curry", "chef curry", "curry", "Curry", "Chef Curry"},
        {"12756km", "12,756km", "12756", "12,756"}
    };

    int num_answers[] = {4, 6, 4};

    int numquestion = sizeof(questions) / sizeof(questions[0]);
    char input[100];
    int score = 0;

    for (int i = 0; i < numquestion; i++)
    {
        printf("%s\n", questions[i]);
        printf("Your answer: ");
        fgets(input, sizeof(input), stdin);

        input[strcspn(input, "\n")] = 0;

        score += checkanswers(input, answers[i], num_answers[i]);
    }

    printf("Your total score is %d out of %d.\n", score, numquestion);
    return 0;
}

```