

## Component C. Personalized Project Reference.

### Procedure:

i.

```
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;
}
```

ii.

```
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]);
}
```

### List:

i.

```
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?"
};
```

ii.

```
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]);
}
```