

**CISS240: Introduction to Programming**  
**Quiz q1801**

Name: \_\_\_\_\_

Score: 

Q1. What is the length of C-string **s** given the following definition of **s**:

```
char s[100] = {'l', 'i', 'f', 'e', '\\0', 'i', 's', '\\0', 'g', 'o', 'o', 'd', '\\0'};
```

ANSWER:

Q2. Complete the following program that computes the length of string **s**. Here's a test case:

```
hello
5
```

ANSWER:

```
#include <iostream>

int main()
{
    char s[1024];
    std::cin >> s;

    int str_len = 0;
    // TODO

    std::cout << str_len << '\\n';

    return 0;
}
```

Q3. Complete the following program that computes the number of times **target** appears in string **s**. Here's a test case:

```
apple_pies
p
3
```

ANSWER:

```
#include <iostream>
```

```
int main()
{
    char s[1024];
    std::cin >> s;
    char target;
    std::cin >> target;

    int count = 0;
    // TODO

    std::cout << count << '\n';

    return 0;
}
```