

ENG236 Computer Programming
Quiz 15 (26 January 2010)
Solution

1. (100 marks) Referring to the program below

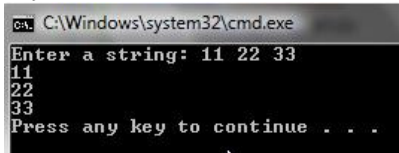
```
#include <iostream>
using namespace std;

int main()
{   char stringOne[256];
    char stringTwo[256];
    char stringThree[256];

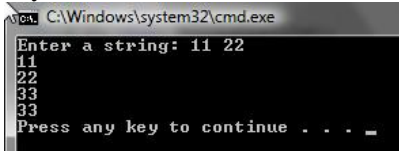
    cout << "Enter a string: ";
    cin >> stringOne;
    cout << stringOne << endl;
    cin >> stringTwo;
    cout << stringTwo << endl;
    cin >> stringThree;
    cout << stringThree << endl;

    return 0;
}
```

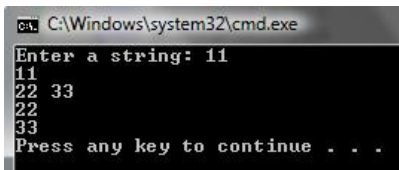
a. If you enter “11 22 33 \n” for the input, what would be printed on the screen?



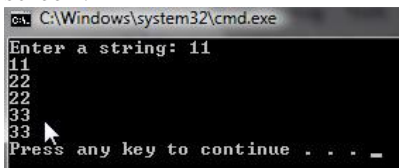
b. If you enter “11 22 \n 33 \n” for the input, what would be printed on the screen?



c. If you enter “11 \n 22 33 \n” for the input, what would be printed on the screen?



d. If you enter “11 \n 22 \n 33 \n” for the input, what would be printed on the screen?



2. (100 marks) Referring to the program below

```
#include <iostream>
#include <string>
using namespace std;

int main()
{
    char One[] = "ENG236";

    for (unsigned int i=1; i<=strlen(One); i++)
        cout.write(One,i) << endl;

    for (unsigned int i=strlen(One)-1; i>0 ; i--)
        cout.write(One,i) << endl;

    return 0;
}
```

write down the output of this program.

