

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

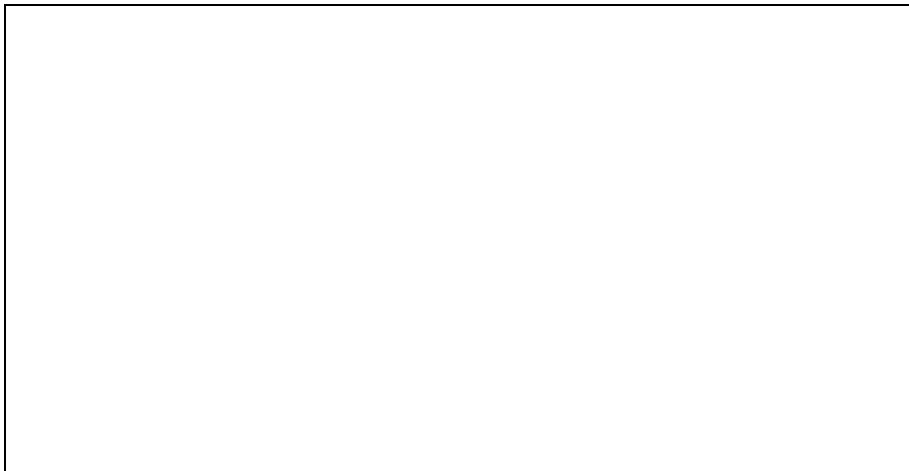
CS 100 Quiz #8

Give the output of the C program shown below when run with

`./a.out ROLL TIDE ROLL ALABAMA`

```
#include <stdio.h>
#include <string.h>

int main( int argc, char *argv[ ] ) {
    for (int a=1; a<argc; a++) {
        for (int b=0; b<a; b++) {
            printf("%c ", argv[a][b]);
        }
        printf("\n");
    }
    return 0;
}
```



Give the output of the C program shown below:

```
#include <stdio.h>
#include <stdlib.h>
void f(char *str, char *s1, char *s2, int z) {
    int a = 0, b = 0;
    while ( a < (z-1) ) {
        str[a] = s1[b];
        str[a+1] = s2[b];
        a = a + 2;
        b = b + 1;
    }
    str[z-1] = '\0';
    return;
}
int main(void) {
    char *s1 = malloc ( sizeof(char) * 7 );
    f(s1, "ABC", "XYZ", 7);
    printf("%s\n", s1);

    return 0;
}
```

