

Name : _____

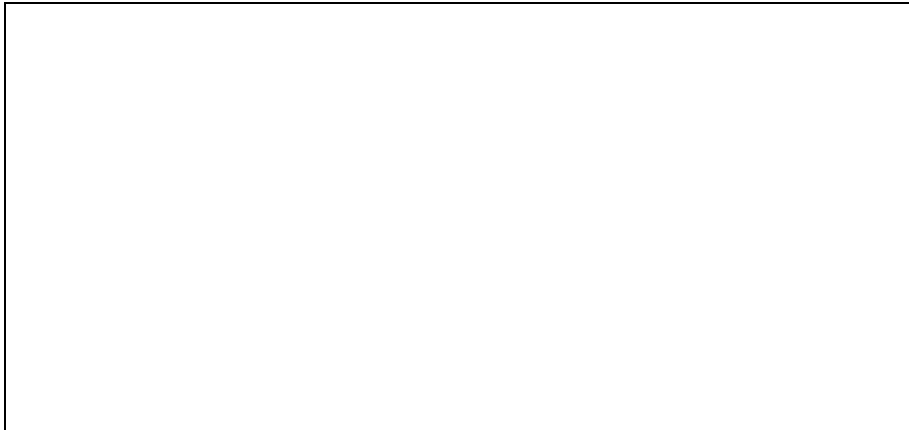
CS 100 Quiz #8

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

`./a.out Crimson Tide`

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

int main( int argc, char *argv[ ] ) {
    for (int a=1; a<argc; a++) {
        int z = a;
        while ( z < strlen(argv[a]) ) {
            printf("%c ", argv[a][z]);
            z = z + 2;
        }
        printf("\n");
    }
    return 0;
}
```



Give the output of the C program shown below:

```
#include <stdio.h>
#include <stdlib.h>
void function(char *str, char ch, int len) {
    for (int a=0; a<len; a++) {
        str[a] = ch;
        ch = ch + 1;
    }
    str[len] = '\0';
    return;
}

int main(void) {
    char *s1 = malloc ( sizeof(char) * 3 );
    function(s1, 'x', 2);
    printf("%s\n", s1);

    char *s2 = malloc ( sizeof(char) * 5 );
    function(s2, 'A', 4);
    printf("%s\n", s2);

    return 0;
}
```

