

CSI 121: Structured Programming Language
Class Test: 3

1. Write output for the following C code segments: (consider N = 4)

```
a) for ( i=0; i < N-1; i++ ) {  
    for ( j = i+1; j < N; j++ ) {  
        printf("%d %d\n", i, j);  
    }  
}
```

```
b) for ( i=0; i < N-1; i++ ) {  
    for ( j =0; j < N-i-1; j++ ) {  
        printf("%d %d\n", i, j);  
    }  
}
```

2. Write a C program to print the following pattern.

```
*****  
*****  
*****  
*****  
*****
```

here, number of lines = 5