

Lab 3 - In Lab Assignment

Due end of the lab session

Acknowledge your collaborators or source of solutions, if any. **Submission by the end of the LAB is required.** Please type your answers, handwritten submission will not be accepted. Do all of the following. A subset of your solutions will be graded.

1. Let us assume,
i=5
j=6
 - a. What will be the value of i and j when the following line is executed?
j = i++;
 - b. What will be the value of i and j when the following line was executed instead?
j=++i;
2. What will be the output of the following piece of code?

```
int i = 1, j = 1;
for(--i && j++ ; i<10; i+=2)
{
    printf("loop ");
}
```

3. Explain the output of the following program.

```
#include<stdio.h>
int main(){
    int a = 130;
    char *ptr;
    ptr = (char *)&a;
    printf("%d ",*ptr);
    return 0;
}
```