CS302 OS Lab01 - Report

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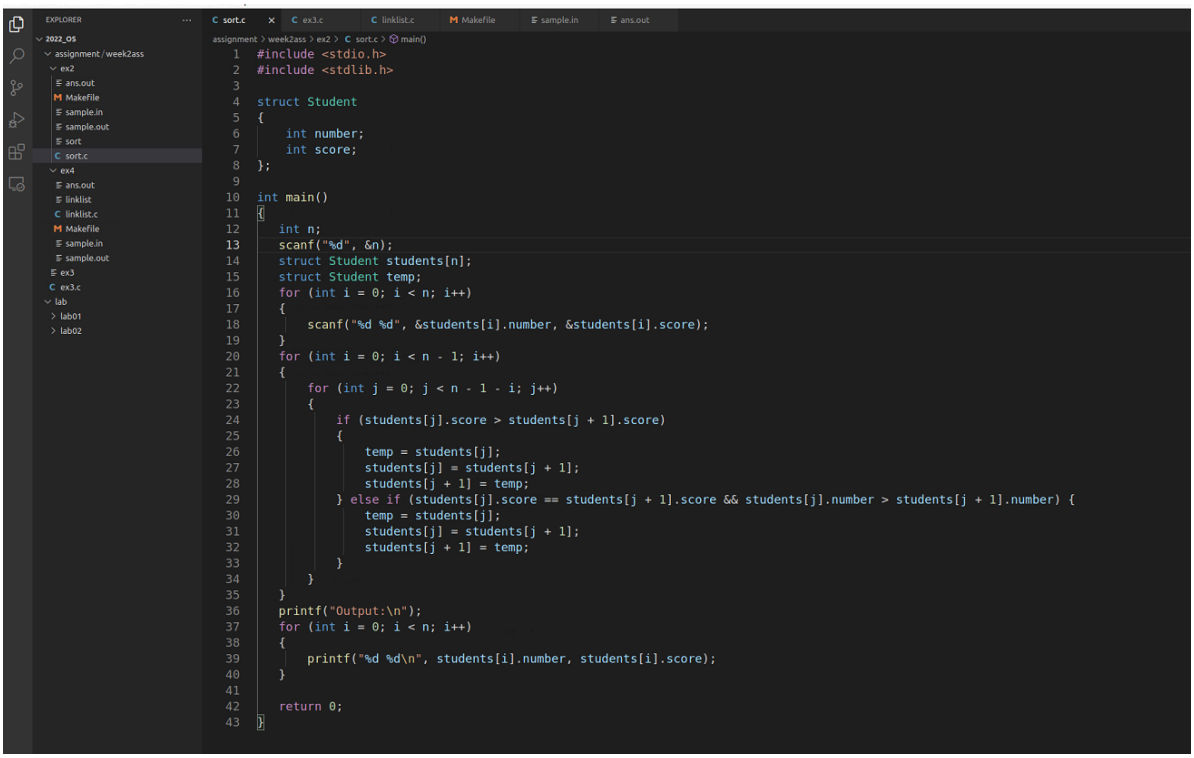
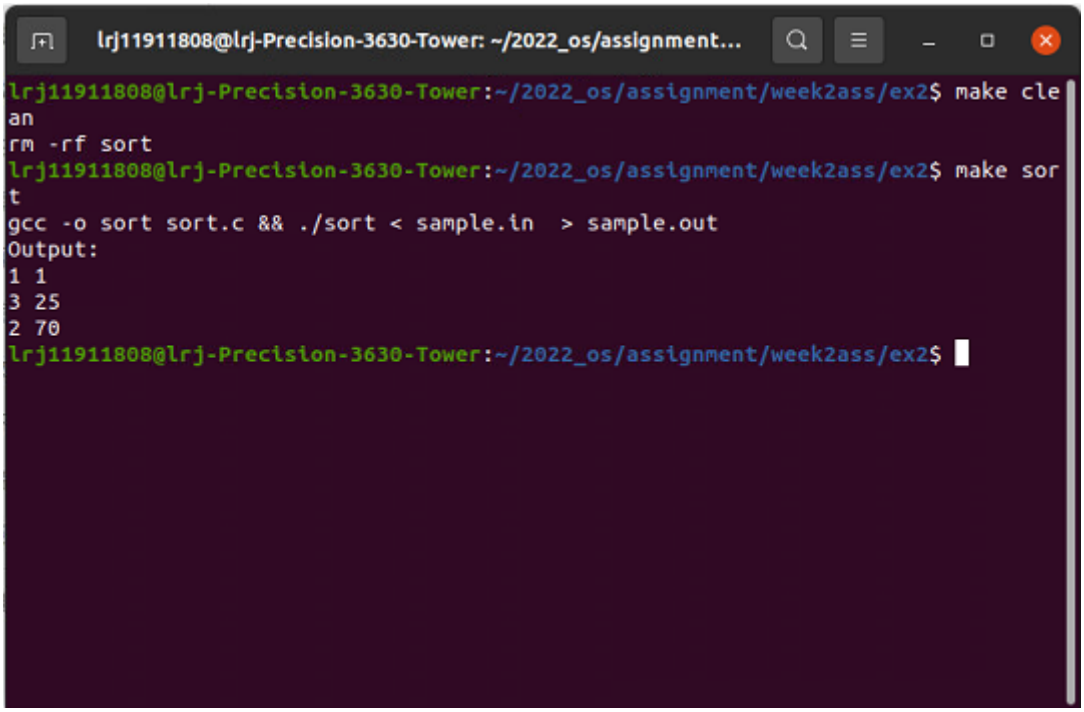
1) [15pts]若有以下定义 char s[20] = "SUSTECH",*ps = s，请写出另外两种可以代表字母E的表 达式。

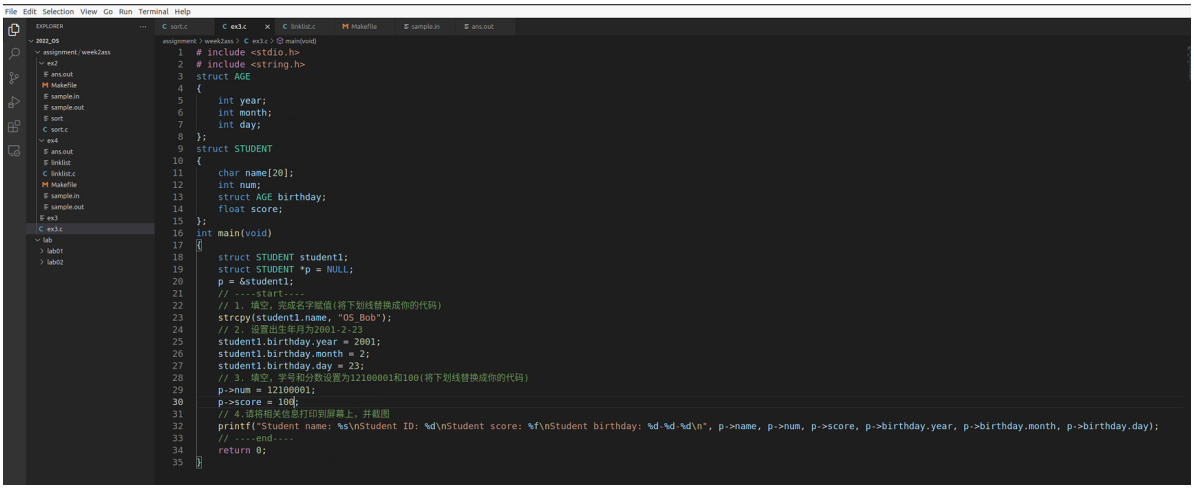
(1) ps[4] (2) s + 4, *s

2) [35pts]完成代码，在报告中需有sort.c完整的代码截图，并上传sort.c

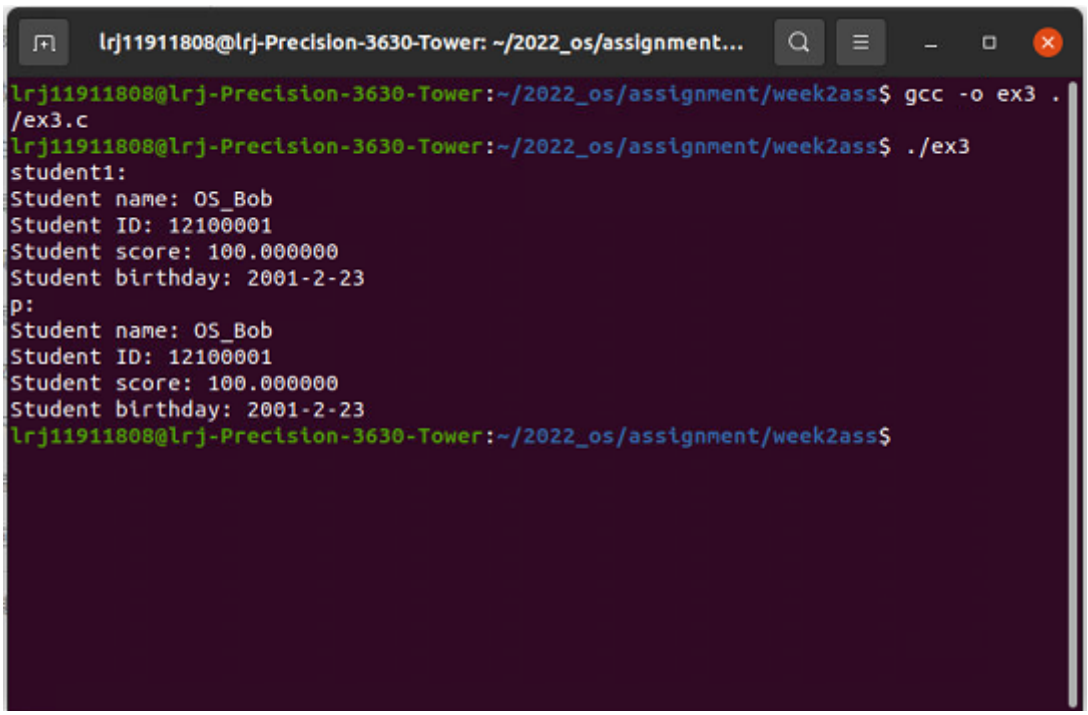
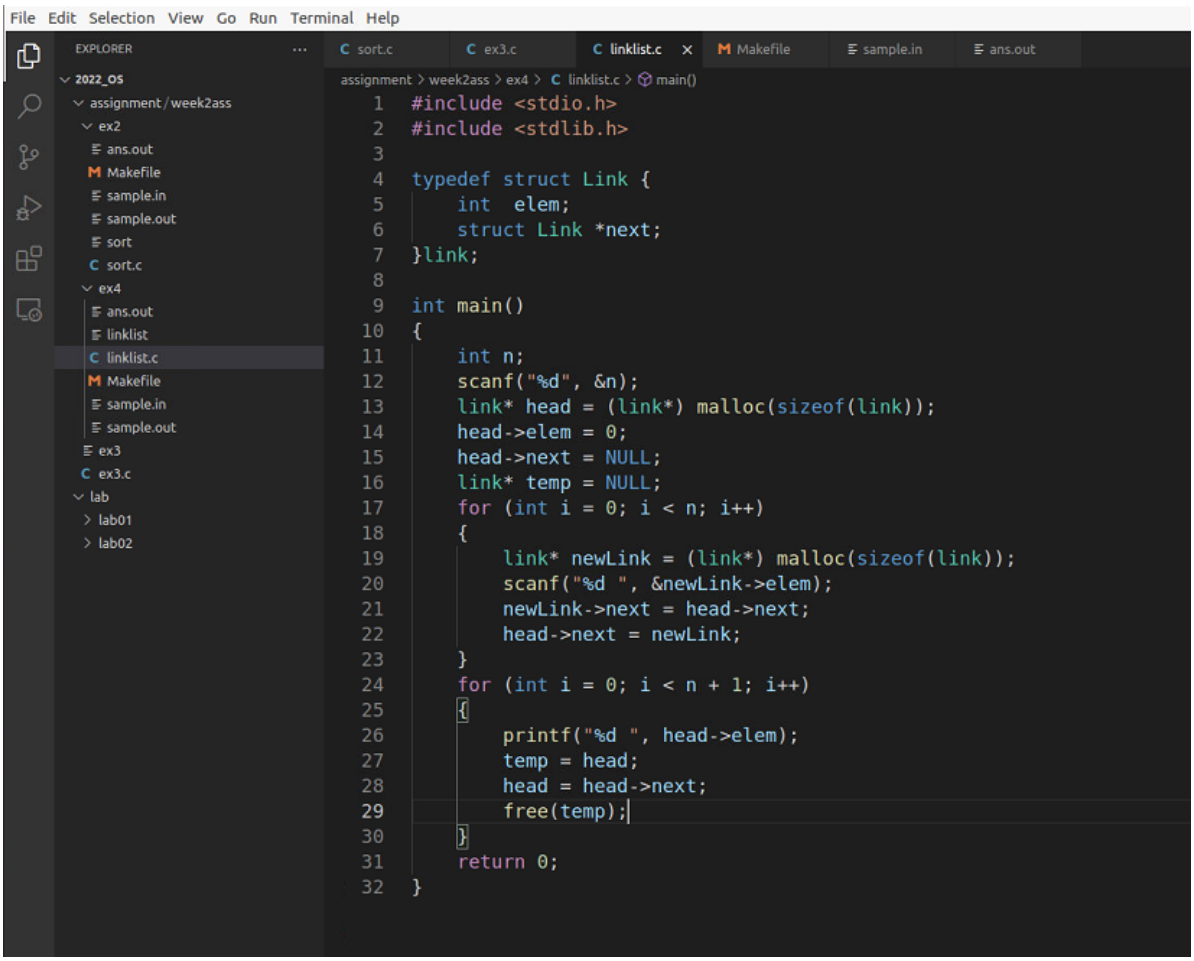
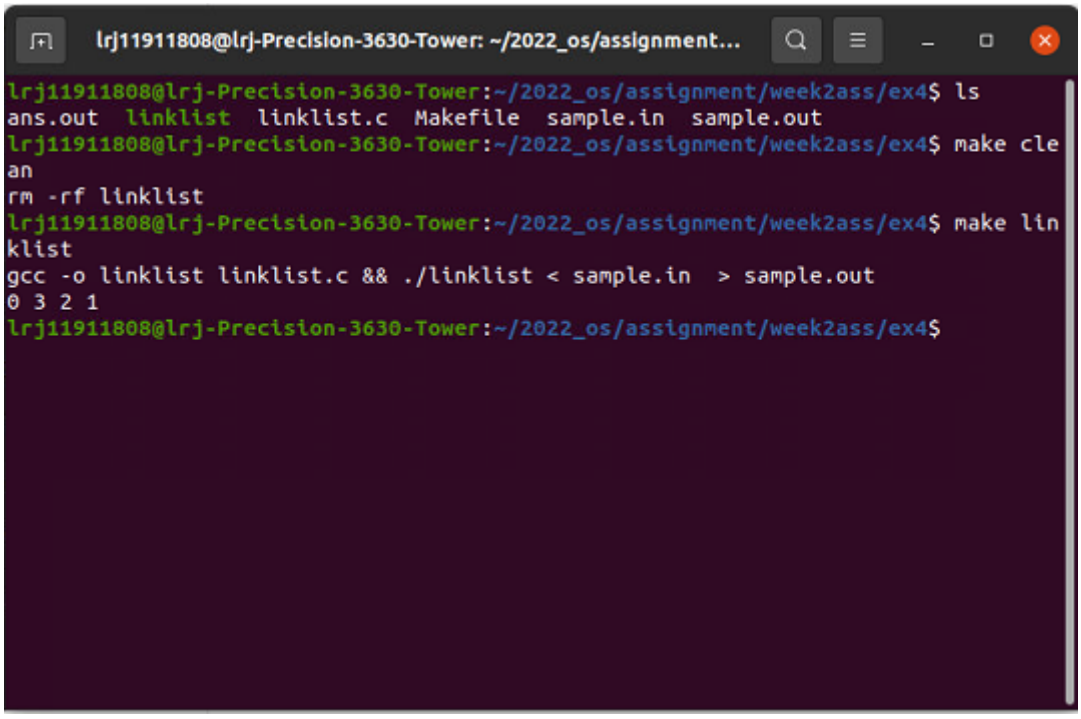




3) [20pts]完成代码，在报告中需有ex3.c完整的代码截图，并上传ex3.c



```c
# include <stdio.h>
# include <string.h>
struct AGE
{
    int year;
    int month;
    int day;
};
struct STUDENT
{
    char name[20];
    int num;
    struct AGE birthday;
    float score;
};
int main(void)
{
    struct STUDENT student1;
    struct STUDENT *p = NULL;
    p = &student1;
    // ----start----
    // 1. 填空，完成名字赋值(将下划线替换成你的代码)
    strcpy(student1.name, "OS_Bob");
    // 2. 设置出生年月为2001-2-23
    student1.birthday.year = 2001;
    student1.birthday.month = 2;
    student1.birthday.day = 23;
    // 3. 填空，学号和分数设置为12100001和100(将下划线替换成你的代码)
    p->num = 12100001;
    p->score = 100;
    // 4.请将相关信息打印到屏幕上，并截图
    printf("Student name: %s\nStudent ID: %d\nStudent score: %f\nStudent birthday: %d-%d-%d\n", p->name, p->num, p->score, p->birthday.year, p->birthday.month, p->birthday.day);
    // ----end----
    return 0;
}
```



4) [35pts]完成代码，在报告中需有linklist.c完整的代码截图，并上传linklist.c