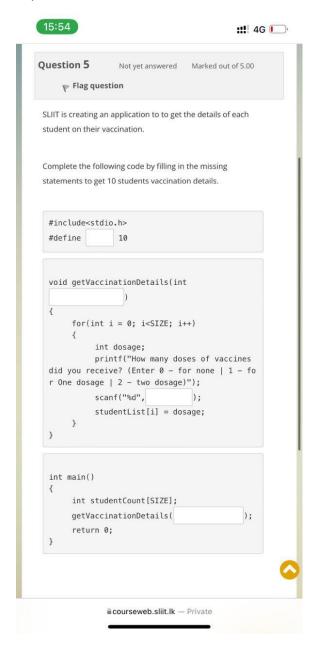


Assert((calculatePoints(5500) - 500) == 0); Assert((calculatePoints(3500) - 200) == 0);



- 01). SIZE
- 02). studentList
- 03). &dosage
- 04). studentCount



01). float

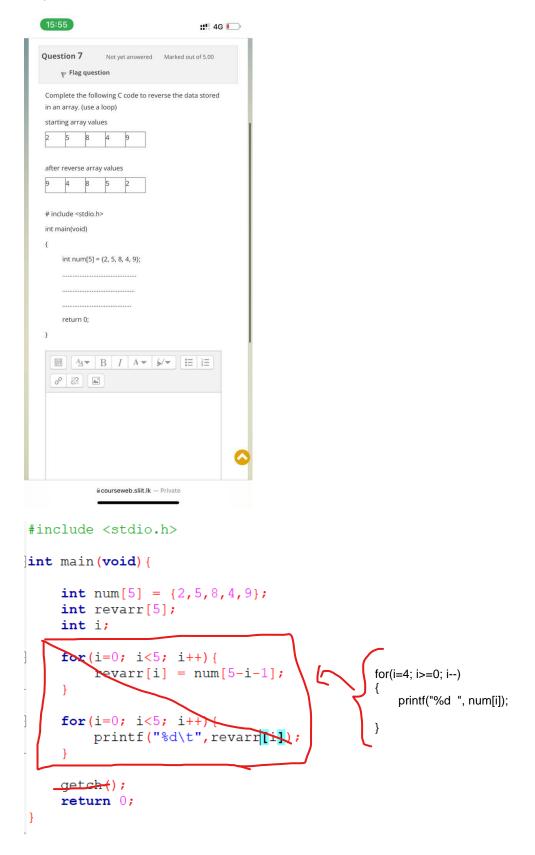
02). Bonus =/noHours * 5 / 100.0;

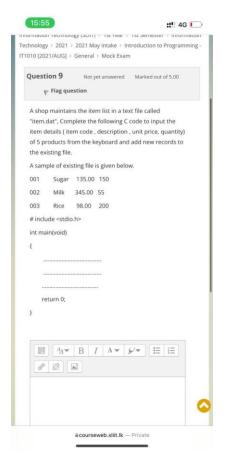
03). return bonus;

```
15:55
                                          ::!! 4G 🚺
  IT1010 [2021/AUG] > General > Mock Exam
                 Not yet answered Marked out of 5.00

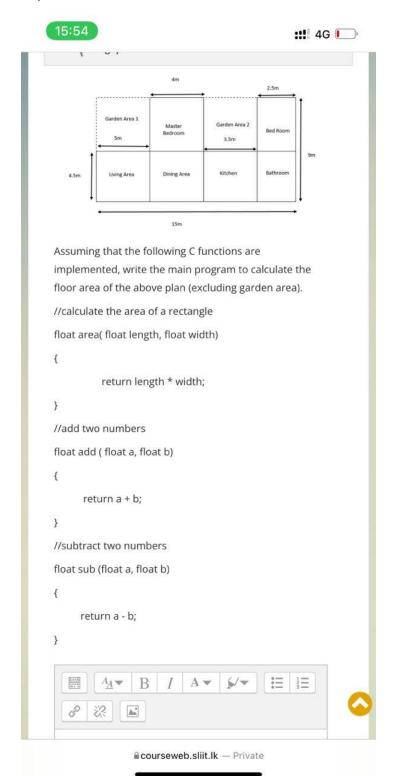
    Flag question

    A 2D array called att is used to store the attendance of 4
     students in a class. A sample dataset is shown below.
     Complete the following C code to determine and display
     the students (row number) who has attended to the class
     all five days.
     In this example the students numbers are 2, 4
     # include <stdio.h>
     int main(void)
       int att[5][5] = {{1, 0, 1, 1, 1}, {1, 1,1,1,1},{1,1,0,1,1},
     {1,1,1,1,1},{1,1,1,1,0}};
      return 0;
       B I A V VV II II
                 @courseweb.sliit.lk − Private
#include <stdio.h>
int main (void) {
      int att[5][5] = \{\{1,0,1,1,1\},\{1,1,1,1,1\},\{1,1,0,1,1\},\{1,1,1,1,1\}\};
      int i,j;
      int count = 0;
      for(i=0; i<5; i++) {</pre>
             for(j=0; j<5; j++) {
    if(att[i][j] == 1) {
                         count++;
                    if(count == 5){
                         printf("Student %d come all 05 days\n",i+1);
             count = 0;
      return 0;
```

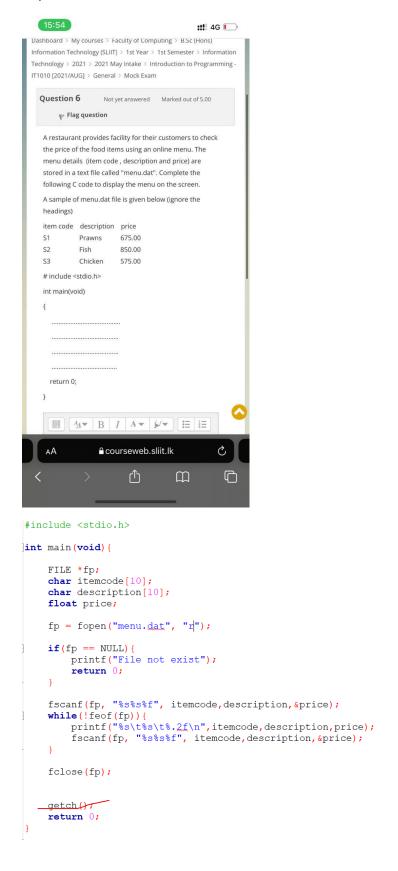


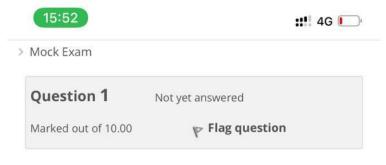


```
#include <stdio.h>
int main(void) {
     FILE *fp;
    int count = 0;
int itemcode;
char description[20];
    float unit_price;
int quantity;
     fp = fopen("item.dat", "w");
     if(fp == NULL) {
        printf("File not created"); return -1;
    while(count < 5){
   printf("Enter item code: ");
   scanf("%d",&itemcode);</pre>
         printf("Enter description: ");
scanf("%s", description);
         printf("Enter unit price: ");
scanf("%f",&unit_price);
         printf("Enter quantity: ");
         scanf ("%d", &quantity);
         count++;
printf("\n");
    fclose(fp);
     return 0;
```



```
#include <stdio.h>
float area(float length, float width);
float add(float a, float b);
float sub (float a, float b);
jint main(void) {
    float length, width;
    float garden\[ length, garden2_length;
    float rarea;
    float removed area;
    float net area;
    printf("Enter length: \");
    scanf("%f", &length);
    printf("Enter width: ");
    scanf("%f", &width);
    printf("Enter Garden01 area length: ");
    scanf("%f", &garden1 length);
    printf("Enter Garden01 area length: ");
    scanf("%f", &garden2 length);
    rarea = area(length, width);
    removed_area = add(garden1 length, garden2 length) * 4.5;
    net area = sub(rarea, removed area);
    printf("Net Area: %.2f", net area);
    getch();
    return 0;
// calculate the area of a triangle
| float area (float length, float width) {
     return length * width;
float add(float a, float b) {
     return a + b;
-}
float sub(float a, float b) {
     return a - b;
```





Complete the following c program to read a password from the key board and check whether it is a valid password. A password is considered as valid if it has more than 10 characters and if it has at least one upper case alphabetical character, one lower case alphabetical character, one numeric character and one of @,&,\$.

Characters	Equivalent ASCII	
'A'	65	
'Z'	90	
ʻa'	97	
ʻz'	122	
'0'	48	
'9'	57	
# include <stdio.h></stdio.h>		
int main(void)		
{		



```
#include <stdio.h>
#include <string.h>
int main() {
    int i, length, count simple, count capital, count number, count special;
    int non = 1;
    char ch;
    char pwd[100];
    count simple = count capital = count number = count special = 0;
    printf("Enter password : ");
    scanf ("%s", &pwd);
    length = strlen(pwd);
    while(length < 10){</pre>
        printf("Your Password Not Follow Rules\n\n");
        printf("Enter password : ");
        scanf("%s", &pwd);
        length = strlen(pwd);
    for(int i=0; i<=length; i++) {</pre>
        if(97<=pwd[i] && pwd[i]<=122){</pre>
             count_simple = 1;
        else if(65<=pwd[i] && pwd[i]<=90){</pre>
             count capital = 1;
        else if(48<=pwd[i] && pwd[i]<=57){</pre>
            count number = 1;
        else if(pwd[i]=='@' || pwd[i]=='&' || pwd[i]=='$'){
            count special = 1;
        }
    }
    printf("\n");
    if(count_simple == count_capital == count_number == count special == 1) {
        printf("Password Successful");
    else{
        printf("Password Unsuccessful");
    getch();
    return 0;
```