

1. getPhoneNumber.c

```
#include <stdio.h>

int getPhoneNumber (void)
{
    int i, j;
    char arr[13], ph[12];
    printf("Enter phone number [(999)999-9999]: ");
    scanf ("%s", arr);
    j=0;
    for (i = 0; i < 13; i++)
    {
        if (arr[i] != '(' && arr[i] != ')')
        {
            ph[j] = arr[i];
            j++;
        }
        else if (arr[i] == '(')
        {
            ph[j]='-';
            j++;
        }
    }
    printf ("You entered %s\n", ph);
    return 0;
}
```

The screenshot shows a web browser window with the URL 'onlinegdb.com'. The browser's address bar and tabs are visible at the top. Below the browser window, there is a toolbar with buttons for 'Run', 'Debug', 'Stop', 'Share', 'Save', and 'Beautify'. The main area of the browser displays a C program in a dark-themed editor. The program is named 'main.c' and contains the following code:

```
1 #include <stdio.h>
2
3 int main (void)
4 {
5     int i, j;
6     char arr[13], ph[12];
7     printf("Enter phone number [(999)999-9999]: ");
8     scanf ("%s", arr);
9     j=0;
10    for (i = 0; i < 13; i++)
11    {
12        if (arr[i] != '(' && arr[i] != '-')
13        {
14            ph[j] = arr[i];
15            j++;
16        }
17        else if (arr[i] == '-')
18        {
19            ph[j]='-';
20            j++;
21        }
22    }
```

Below the code editor, there is an 'input' section showing the program's execution. It displays the prompt 'Enter phone number [(999)999-9999]: (989)861-9023' and the user's input 'You entered 989-861-9023(989)861-9023'. The output shows '...Program finished with exit code 0' and 'Press ENTER to exit console.'.

2. calcPrice.c

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

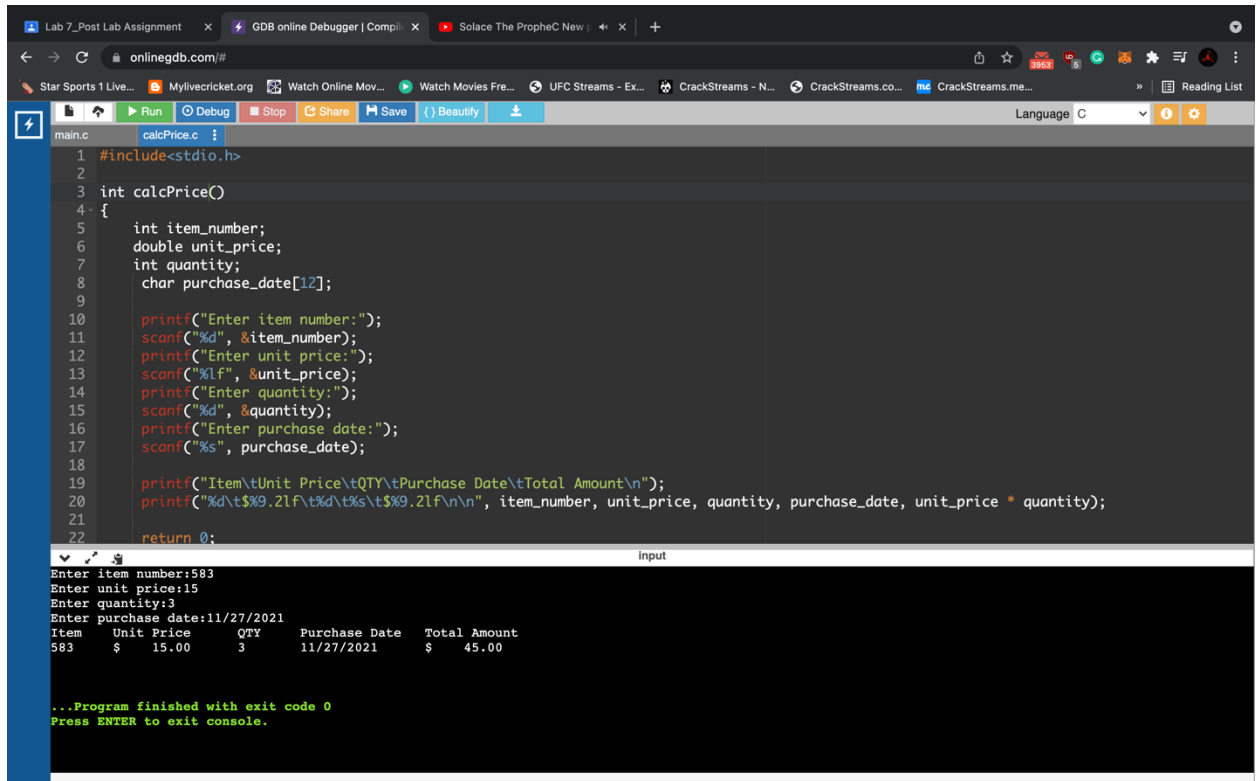
```
int calcPrice()
{
```

```
    int item_number;
    double unit_price;
    int quantity;
    char purchase_date[12];
```

```
    printf("Enter item number:");
    scanf("%d", &item_number);
    printf("Enter unit price:");
    scanf("%lf", &unit_price);
    printf("Enter quantity:");
    scanf("%d", &quantity);
    printf("Enter purchase date:");
    scanf("%s", purchase_date);
```

```
    printf("Item\tUnit Price\tQTY\tPurchase Date\tTotal Amount\n");
    printf("%d\t$%9.2lf\t%d\t%s\t$%9.2lf\n\n", item_number, unit_price, quantity,
    purchase_date, unit_price * quantity);
```

```
return 0;
}
```



```
1 #include<stdio.h>
2
3 int calcPrice()
4 {
5     int item_number;
6     double unit_price;
7     int quantity;
8     char purchase_date[12];
9
10    printf("Enter item number:");
11    scanf("%d", &item_number);
12    printf("Enter unit price:");
13    scanf("%lf", &unit_price);
14    printf("Enter quantity:");
15    scanf("%d", &quantity);
16    printf("Enter purchase date:");
17    scanf("%s", purchase_date);
18
19    printf("Item\tUnit Price\tQTY\tPurchase Date\tTotal Amount\n");
20    printf("%d\t$%.2lf\t%d\t%s\t$%.2lf\n", item_number, unit_price, quantity, purchase_date, unit_price * quantity);
21
22    return 0;
}
```

Input

```
Enter item number:583
Enter unit price:15
Enter quantity:3
Enter purchase date:11/27/2021
```

Item	Unit Price	QTY	Purchase Date	Total Amount
583	\$ 15.00	3	11/27/2021	\$ 45.00

...Program finished with exit code 0
Press ENTER to exit console.