

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

```
int main(){
```

```
    char flights_input, car_input, hotel_input;  
    int flights_package, car_package, hotel_package, free_wifi;  
    double flight, car, hotel, wifi, total, tax, due, discount;  
    int flag = 0, flag1 = 0, flag2 = 0;
```

```
// Flight
```

```
    while(flag == 0){  
        printf("Would you like to subscribe to Flight? (Y or N): ");  
        scanf(" %c", &flights_input);
```

```
        if (flights_input == 'Y' || flights_input == 'y'){  
            while (flag1 == 0){  
                printf("Choose package 1, 2, or, 3: ");  
                scanf(" %d", &flights_package);
```

```
                if(flights_package == 1){  
                    flight = 29.99;  
                    flag1 = 1;
```

```
                }  
                else if(flights_package == 2){  
                    flight = 39.99;  
                    flag1 = 1;
```

```
                }  
                else if(flights_package == 3){  
                    flight = 49.99;  
                    flag1 = 1;
```

```
                }  
                else{  
                    printf("Incorrect input try again\n");  
                }
```

```
            }  
            while (flag2 == 0){  
                printf("Choose Free Wifi type: First 3 flights(1) or All
```

```
flights(2): ");
```

```
                scanf(" %d", &free_wifi);
```

```
                if(free_wifi == 1){  
                    wifi = 2.99;  
                    flag2 = 1;
```

```

        }
        else if(free_wifi == 2){
            wifi = 6.99;
            flag2 = 1;

        }
        else {
            printf("Incorrect input try again\n");
        }
    }
    flag = 1;
}
else if(flights_input == 'N' || flights_input == 'n'){
    flag = 1;
}
else{
    printf("Incorrect input try again\n");
}
}

// Car
flag = 0;
flag1 = 0;
while(flag == 0){
    printf("Would you like to subscribe to Rental Car Service? (Y or N): ");
    scanf(" %c", &car_input);

    if (car_input == 'Y' || car_input == 'y'){
        while (flag1 == 0){
            printf("Choose package 1, 2, or, 3: ");
            scanf(" %d", &car_package);
            if(car_package == 1){
                car = 19.99;
                flag1 = 1;

            }
            else if(car_package == 2){
                car = 29.99;
                flag1 = 1;
            }
            else if(car_package == 3){
                car = 39.99;
                flag1 = 1;
            }
        }
    }
}

```

```

        else{
            printf("Incorrect input try again\n");
        }
    }
    flag = 1;
}
else if(car_input == 'N' || car_input == 'n'){
    flag = 1;
}
else{
    printf("Incorrect input try again\n");
}
}
//Hotel
flag = 0;
flag2 = 0;
while(flag == 0){
    printf("Would you like to subscribe to Hotel? (Y or N): ");
    scanf(" %c", &hotel_input);

    if (hotel_input == 'Y' || hotel_input == 'y'){
        while (flag2 == 0){
            printf("Choose package 1 or 2: ");
            scanf(" %d", &hotel_package);
            if(hotel_package == 1){
                hotel = 59.99;
                flag2 = 1;
            }
            else if(hotel_package == 2){
                hotel = 99.99;
                flag2 = 1;
            }
            else{
                printf("Incorrect input try again\n");
            }
        }
        flag = 1;
    }
    else if(hotel_input == 'N' || hotel_input == 'n'){
        flag = 1;
    }
    else{
        printf("Incorrect input try again\n");
    }
}

```

```

    }
//Printing
total = flight + car + hotel + wifi;
if(flag = 1)
discount = total * 0.05;
tax = (total-discount)*0.08;
due = (total-discount) + tax;
    printf("\n-----");
    printf("\nAMCD TOURS AND TRAVELS INC Bill Details");
    printf("\n-----");
    printf("\n%-20s%15s%10s","Service","Package","Cost");
    if (flight > 0)
{
    printf("\n%-20s%15d%3s%7.2f","Flights", flights_package,"$", flight);
    printf("\n%-20s%15d%3s%7.2f","First 3 flights", free_wifi, "$", wifi);
}

    if (car > 0)
    printf("\n%-20s%15d%3s%7.2f","Rental Car", car_package, "$", car);

    if (hotel > 0)
    printf("\n%-20s%15d%3s%7.2f","Hotel", hotel_package, "$", hotel);

    printf("\n%-20s%15s%3s%7.2f","Subtotal", " ", "$", total);

    if(discount>0)
    printf("\n%-20s%15s%3s%7.2f","Bundle Discount", "5 %", "$", discount);

    printf("\n%-20s%15s%3s%7.2f","Total Before Tax","8 %", "$", total-discount);
    printf("\n%-20s%15s%3s%7.2f","Tax"," ", "$", tax);
    printf("\n%-20s%15s%3s%7.2f","Amount Due", " ", "$", due);
    printf("\n-----");

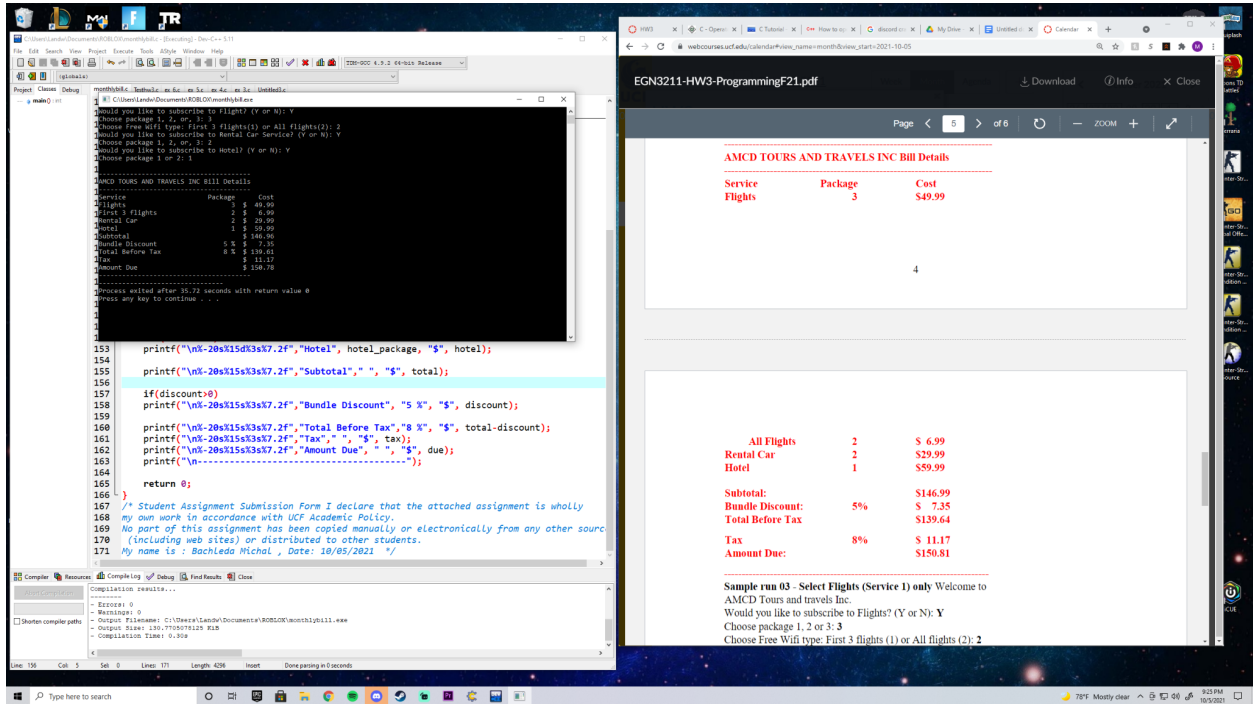
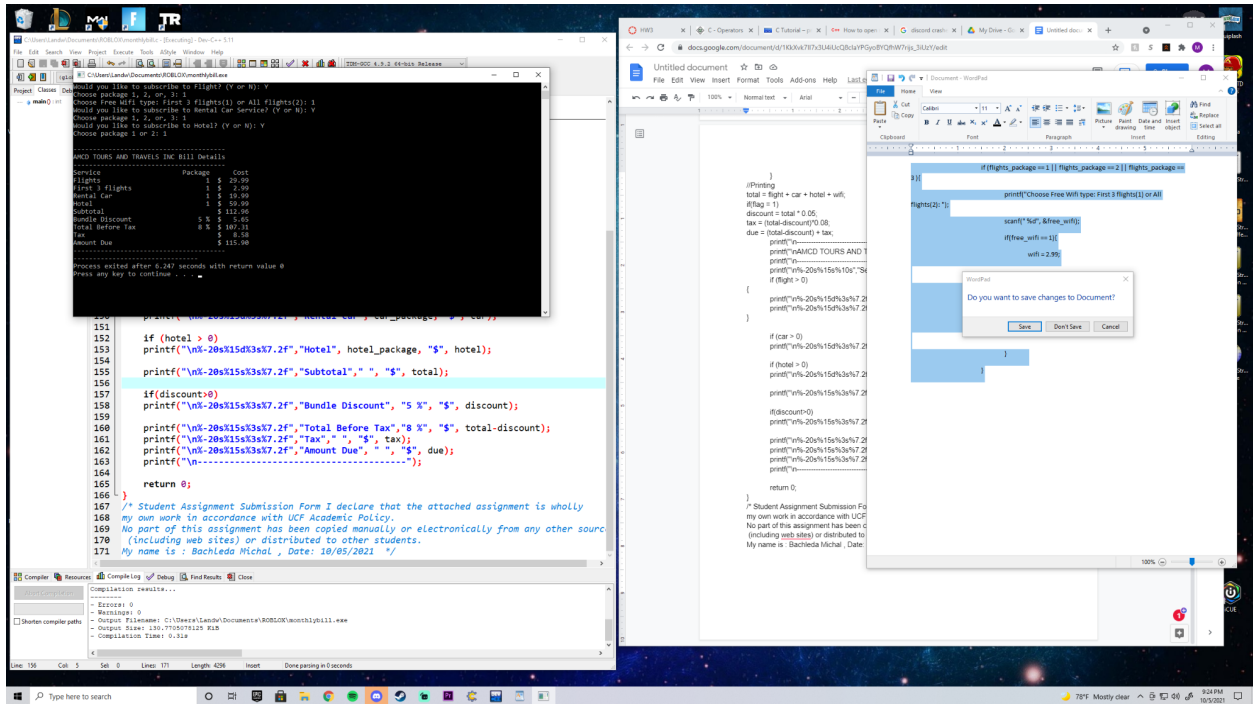
    return 0;
}

```

/* Student Assignment Submission Form I declare that the attached assignment is wholly my own work in accordance with UCF Academic Policy.

No part of this assignment has been copied manually or electronically from any other source (including web sites) or distributed to other students.

My name is : Bachleda Michal , Date: 10/05/2021 */



[illegible]

EGN3211-HW3-ProgrammingF21.pdf

Download Info Close

Page < 6 > of 6

Subtotal:		\$146.99
Bundle Discount:	5%	\$ 7.35
Total Before Tax		\$139.64
Tax	8%	\$ 11.17
Amount Due:		\$150.81

Sample run 03 - Select Flights (Service 1) only Welcome to AMCD Tours and travels Inc.
 Would you like to subscribe to Flights? (Y or N): Y
 Choose package 1, 2 or 3: 3
 Choose Free Wifi type: First 3 flights (1) or All flights (2): 2
 Would you like to subscribe to Rental Car Service? (Y or N): N
 Would you like to subscribe to Hotel? (Y or N): N **Output:**

AMCD TOURS AND TRAVELS INC Bill Details

Service	Package	Cost
Flights	2	\$49.99
All Flights	1	\$ 6.99
Subtotal:		\$56.98
Bundle Discount:	5%	\$ 0.0
Total Before Tax		\$56.98
Tax	8%	\$ 4.56
Amount Due:		\$61.54

Submission Instructions
You need to submit .c file and pdf file. Save your code to a file named "monthlybill.c" and submit it with a pdf file. The pdf file must include three snapshots of the end screen for three different scenarios of service selection. You can also include the source code exported from DevC++ and any comments about your program(optional).