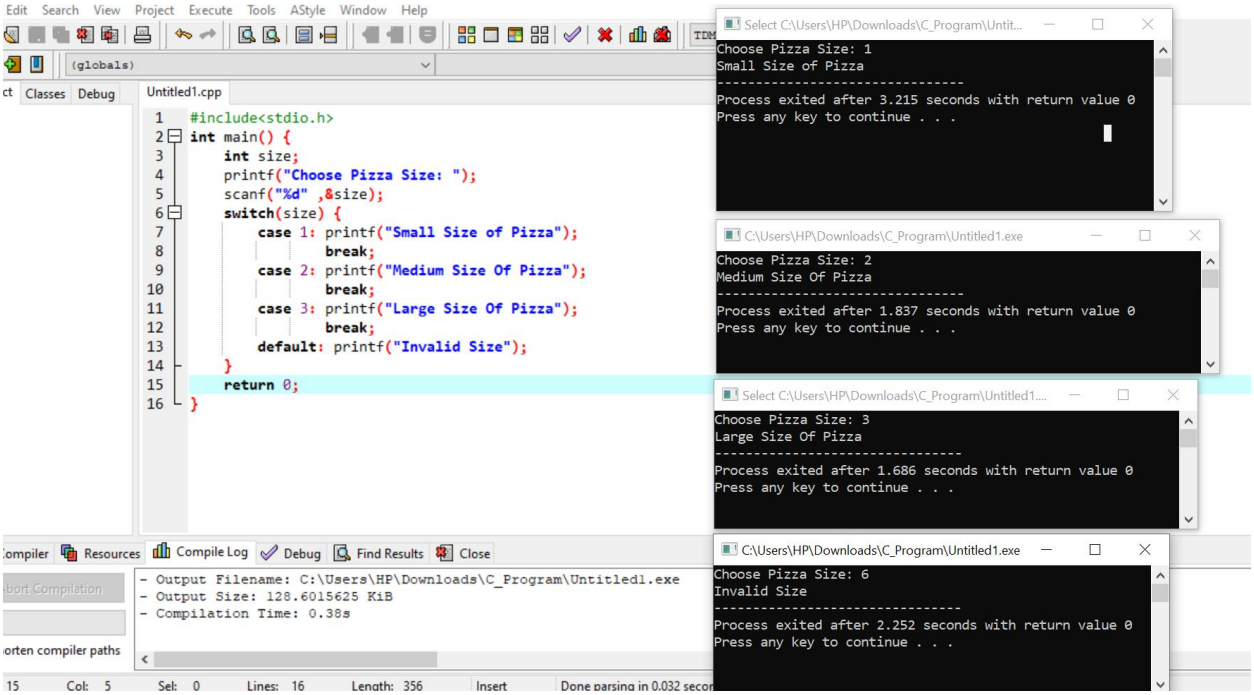
25K-3026

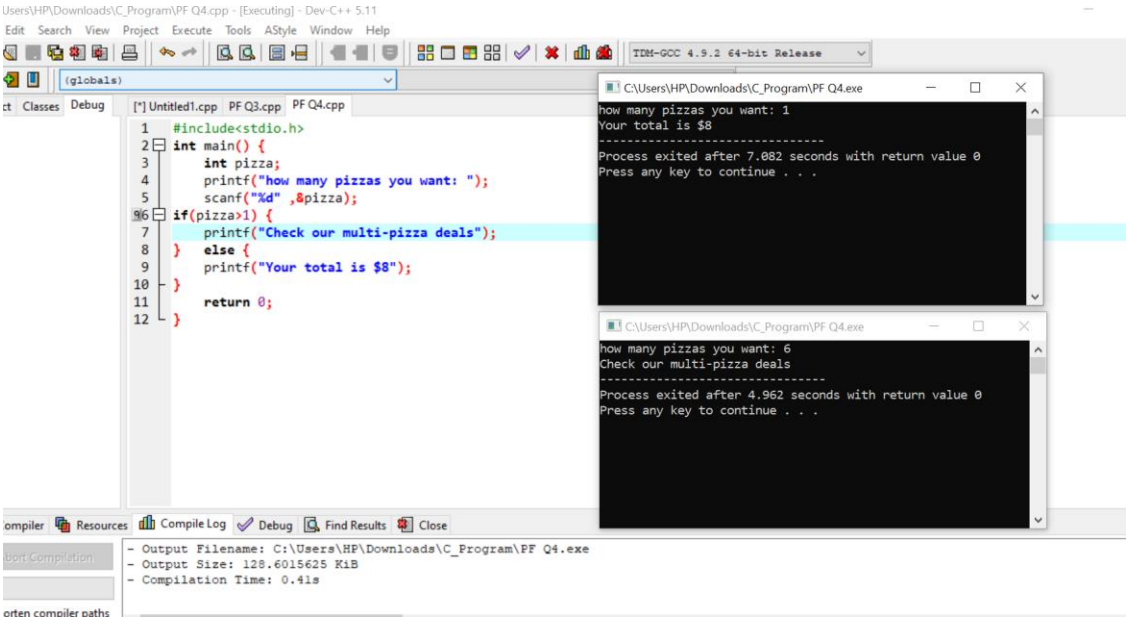
Asadullah Ishfaque

PF Lab 04 Assignment

Q1



Q2



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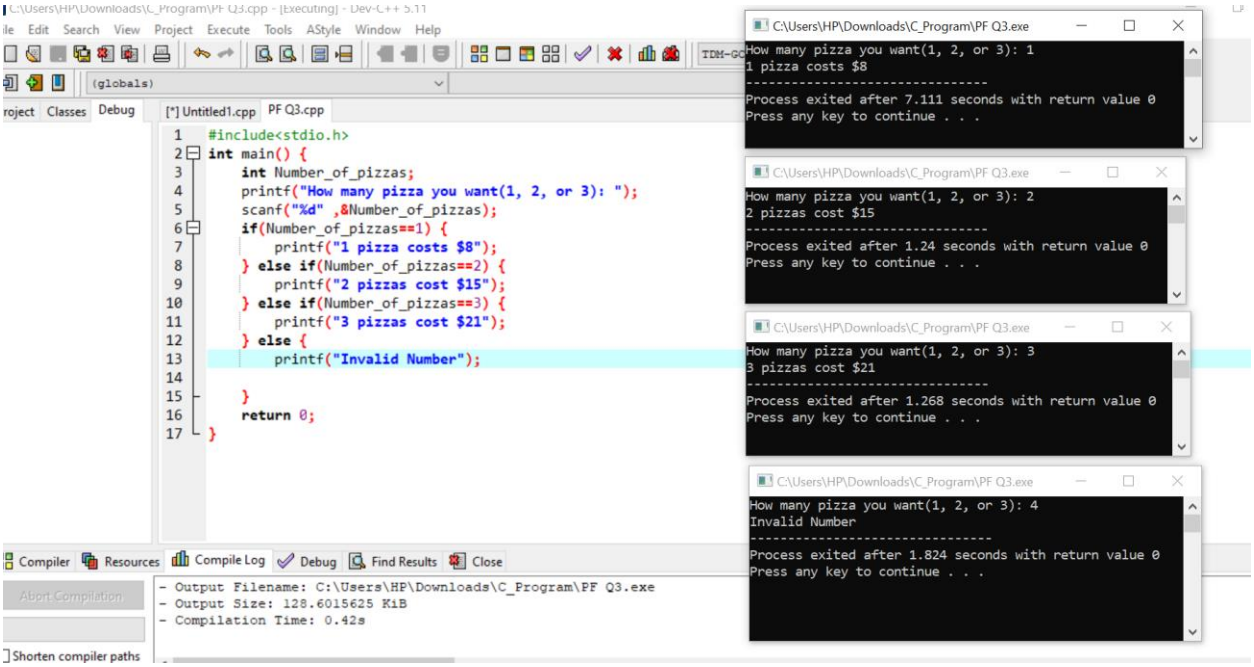
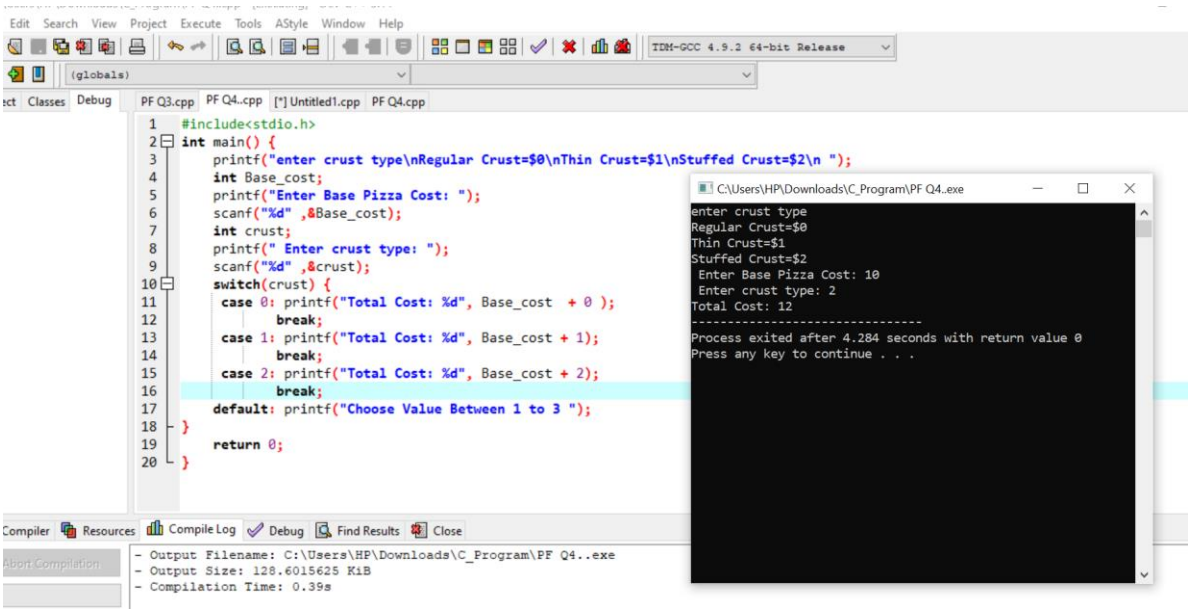
PF Lab 04 Assignment

Q3



Q4



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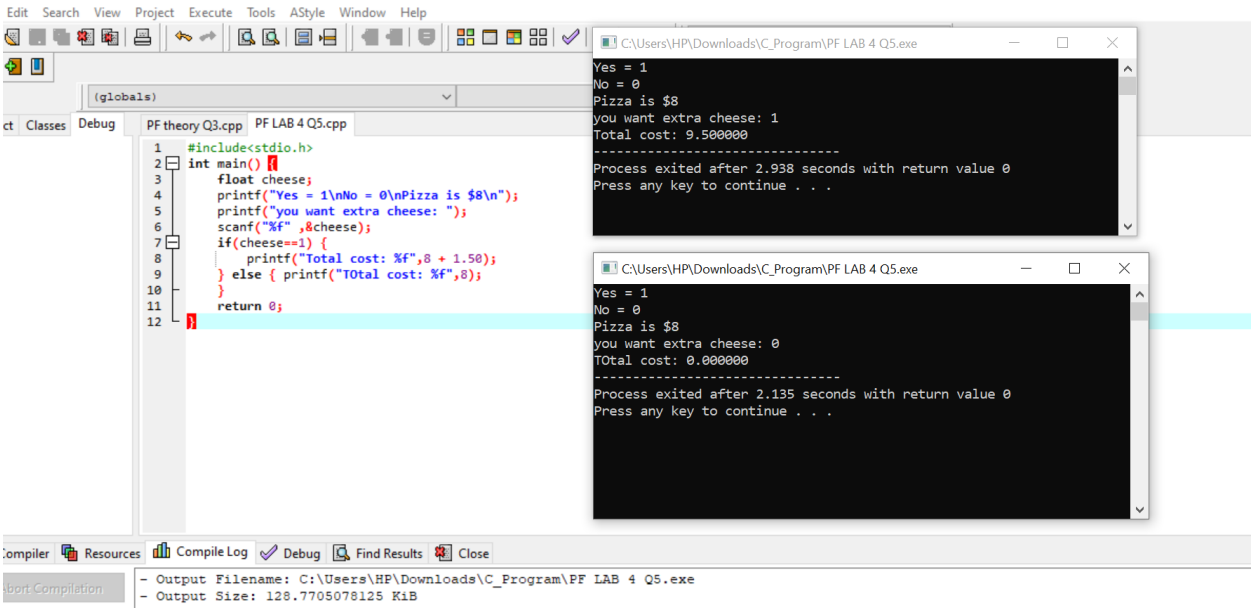
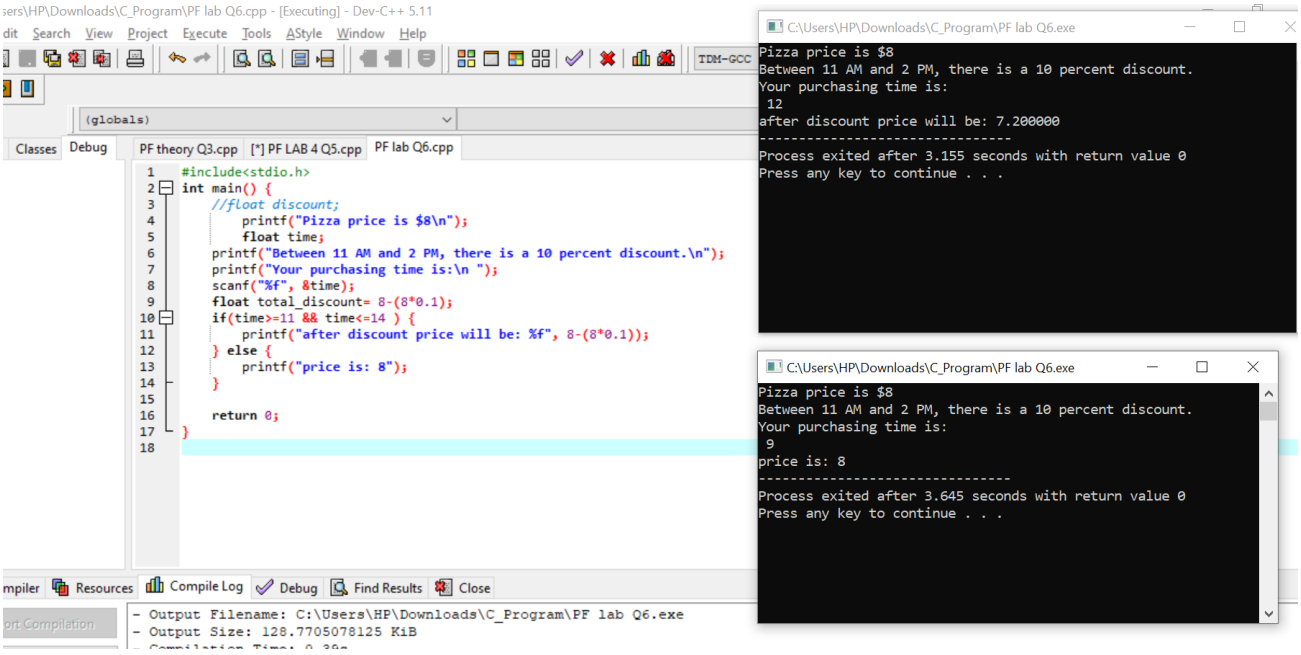
PF Lab 04 Assignment

Q5



Q6



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PF Lab 04 Assignment

Q7

```c
#include <stdio.h>
int main(){
    int Student_ID;
    printf("If Students have a Student ID then \nSubtract $2 from total");
    printf("\nYes = 1");
     printf("\nNo = 0 ");
    printf("\nEnter you have Student ID (Y/N): ");
    scanf("%d",&Student_ID);
    if(Student_ID == 1) {
      printf("Your Total cost is $6");
    }
     else if (Student_ID == 0) {
      printf("Your  Total cost is $8");
     }
    return 0;
}
```

```
C:\Users\HP\Downloads\C_Program\PF LAB Q7...
If Students have a Student ID then
Subtract $2 from total
Yes = 1
No = 0
Enter you have Student ID (Y/N): 1
Your Total cost is $6
--------------------------------
Process exited after 1.4 seconds with return value 0
Press any key to continue . . .
```

```
C:\Users\HP\Downloads\C_Program\PF LAB Q7.e...
If Students have a Student ID then
Subtract $2 from total
Yes = 1
No = 0
Enter you have Student ID (Y/N): 0
Your  Total cost is $8
--------------------------------
Process exited after 2.125 seconds with return value 0
Press any key to continue . . .
```

```
- Output Filename: C:\Users\HP\Downloads\C_Program\PF LAB Q7.exe
- Output Size: 128.6015625 KiB
- Compilation Time: 0.41s
```

Q8

```c
#include <stdio.h>
int main(){
    int pizzas;
    printf("If You  order Three Pizzas with Stuffed Crust \nYou can get free garlic bread");
    int pizza;
    printf("\nHow many pizzas do  you want to  order with Stuffed Crust: ");
    scanf("%d" ,&pizza);
    if(pizza == 3) {
        printf("You get free garlic bread");
    } else {
        printf("You cannot get free garlic bread");
    }
    return 0;
}
```

```
C:\Users\HP\Downloads\C_Program\PF LAB Q8...exe
If You  order Three Pizzas with Stuffed Crust
You can get free garlic bread
How many pizzas do  you want to  order with Stuffed Crust: 3
You get free garlic bread
--------------------------------
Process exited after 2.435 seconds with return value 0
Press any key to continue . . .
```

```
C:\Users\HP\Downloads\C_Program\PF LAB Q8...exe
If You  order Three Pizzas with Stuffed Crust
You can get free garlic bread
How many pizzas do  you want to  order with Stuffed Crust: 2
You cannot get free garlic bread
--------------------------------
Process exited after 2.552 seconds with return value 0
Press any key to continue . . .
```

```
- Output Filename: C:\Users\HP\Downloads\C_Program\PF LAB Q8.exe
- Output Size: 128.6015625 KiB
- Compilation Time: 0.41s
```

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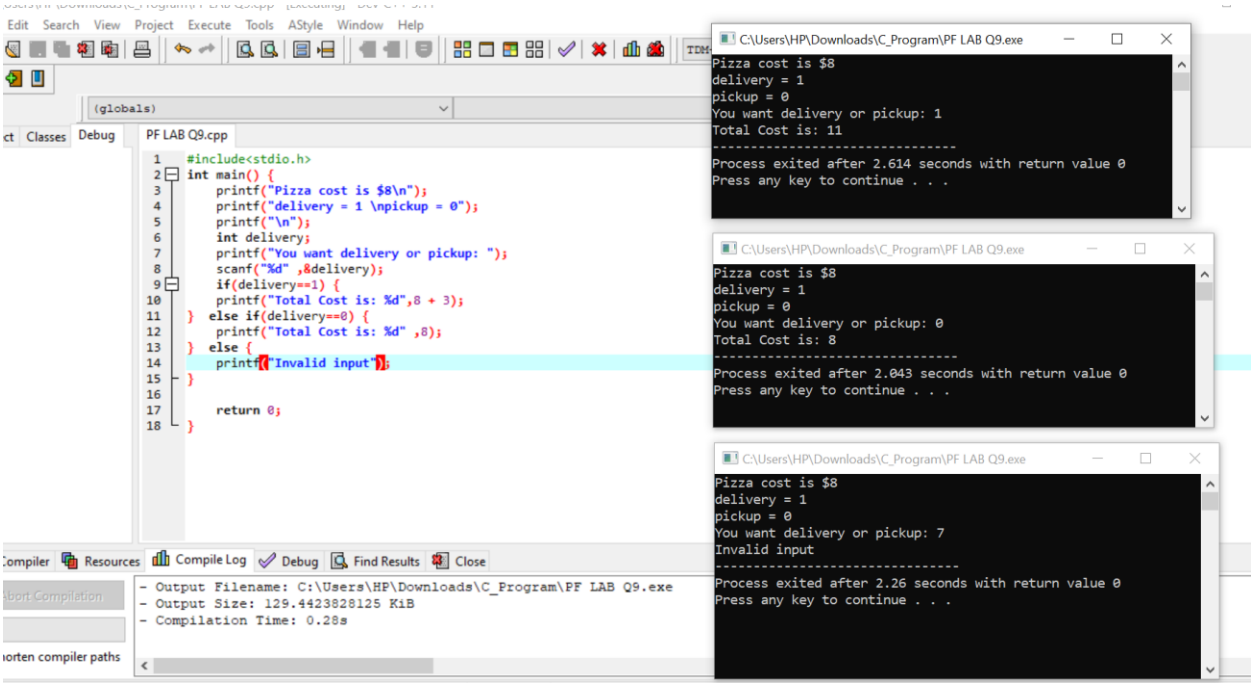
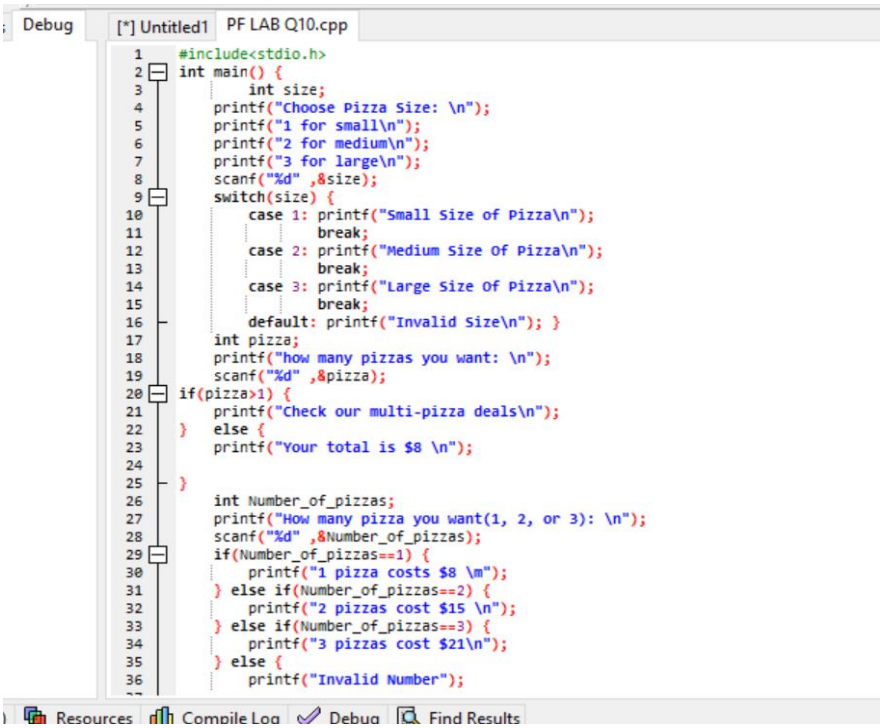
PF Lab 04 Assignment

Q9



Q10 Part 1



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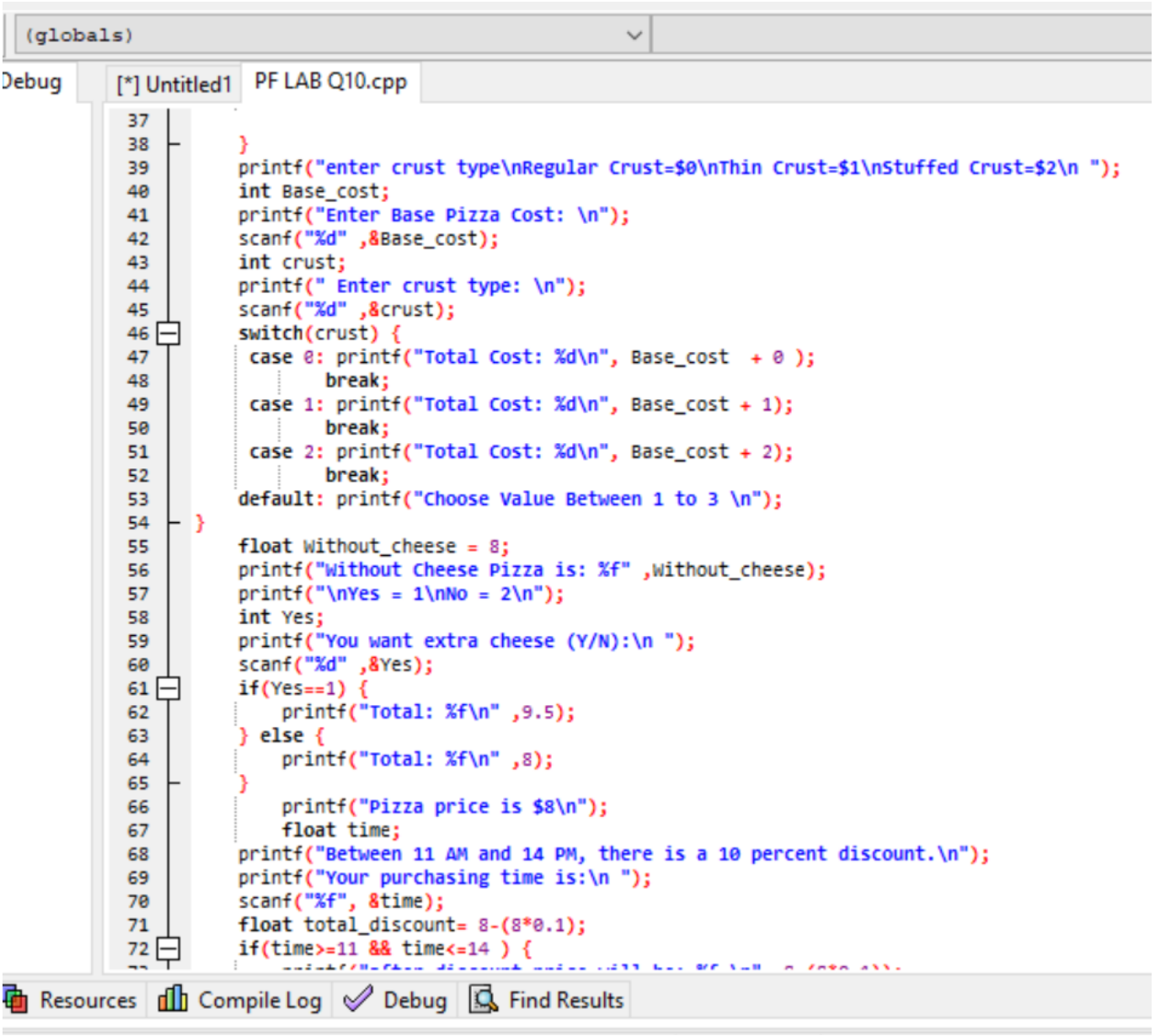
PF Lab 04 Assignment

Q10 Part 2



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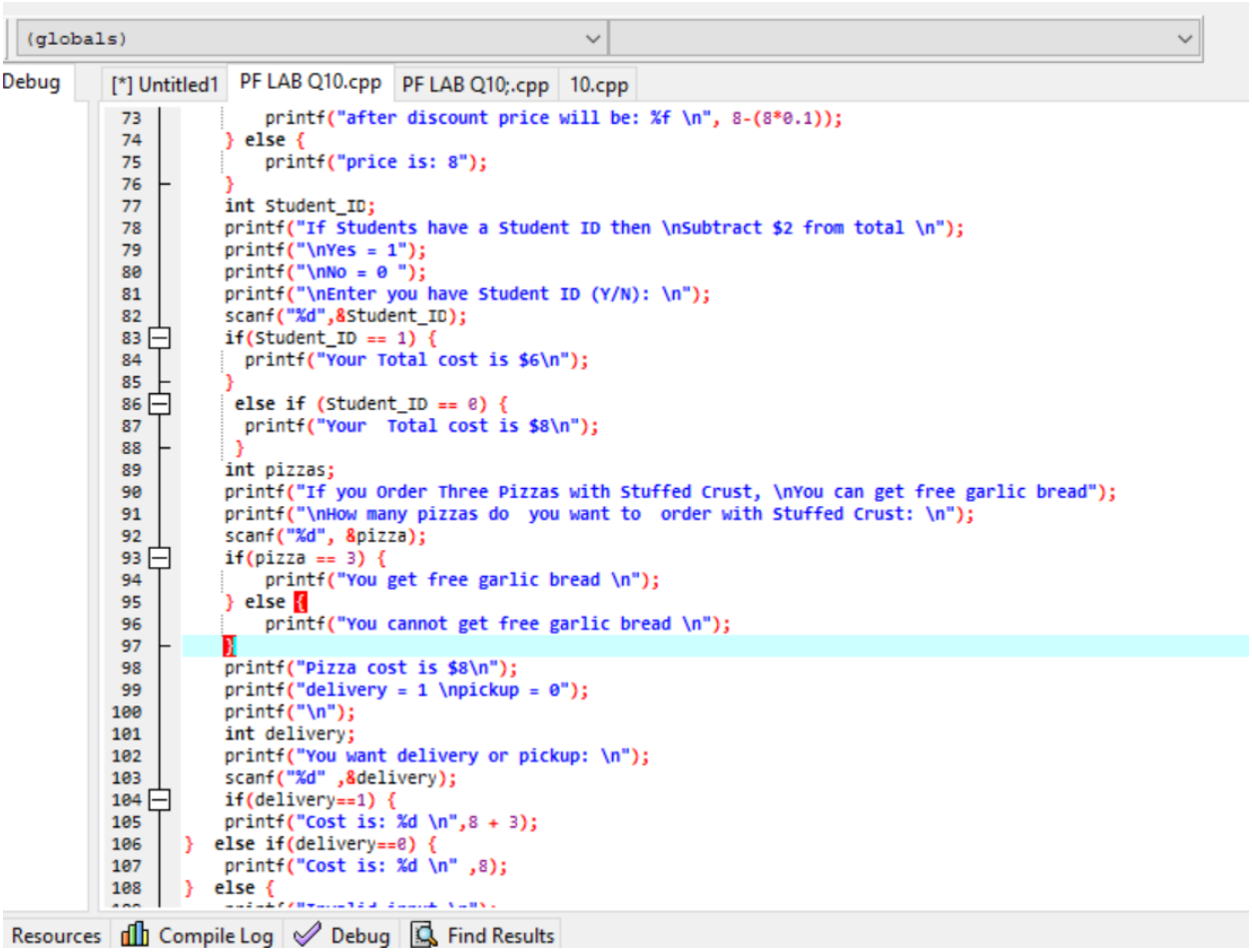
PF Lab 04 Assignment

Q10 Part 3




```
73          printf("after discount price will be: %f \n", 8-(8*0.1));
74      } else {
75          printf("price is: 8");
76      }
77      int Student_ID;
78      printf("If Students have a Student ID then \nSubtract $2 from total \n");
79      printf("\nYes = 1");
80      printf("\nNo = 0 ");
81      printf("\nEnter you have Student ID (Y/N): \n");
82      scanf("%d",&Student_ID);
83      if(Student_ID == 1) {
84        printf("Your Total cost is $6\n");
85      }
86       else if (Student_ID == 0) {
87        printf("Your  Total cost is $8\n");
88       }
89      int pizzas;
90      printf("If you Order Three Pizzas with Stuffed Crust, \nYou can get free garlic bread");
91      printf("\nHow many pizzas do  you want to  order with Stuffed Crust: \n");
92      scanf("%d", &pizza);
93      if(pizza == 3) {
94          printf("You get free garlic bread \n");
95      } else {
96          printf("You cannot get free garlic bread \n");
97      }
98      printf("Pizza cost is $8\n");
99      printf("delivery = 1 \npickup = 0");
100     printf("\n");
101     int delivery;
102     printf("You want delivery or pickup: \n");
103     scanf("%d" ,&delivery);
104     if(delivery==1) {
105     printf("Cost is: %d \n",8 + 3);
106 }  else if(delivery==0) {
107     printf("Cost is: %d \n" ,8);
108 }  else {
```

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PF Lab 04 Assignment

Q10 Part 4

```
95      } else {
96          printf("You cannot get free garlic bread \n");
97      }
98      printf("Pizza cost is $8\n");
99      printf("delivery = 1 \npickup = 0");
100     printf("\n");
101     int delivery;
102     printf("You want delivery or pickup: \n");
103     scanf("%d" ,&delivery);
104     if(delivery==1) {
105     printf("Cost is: %d \n",8 + 3);
106 } else if(delivery==0) {
107     printf("Cost is: %d \n" ,8);
108 } else {
109     printf("Invalid input \n");
110 }
111 int final_amount;
112 printf("Print Fee Receipt:- \n");
113 printf("Your Final Amount is: %d \n" ,11);
114 printf("You got free fries for regular costumer");
115     return 0;
116 }
```

Q10 Output

```
C:\Users\HP\Downloads\C_Program\PF LAB Q10.exe
Choose Pizza Size:
1 for small
2 for medium
3 for large
3
Large Size Of Pizza
how many pizzas you want:
2
Check our multi-pizza deals
How many pizza you want(1, 2, or 3):
2
2 pizzas cost $15
enter crust type
Regular Crust=$0
Thin Crust=$1
Stuffed Crust=$2
 Enter Base Pizza Cost:
8
 Enter crust type:
1
Total Cost: 9
Without Cheese Pizza is: 8.000000
Yes = 1
No = 2
You want extra cheese (Y/N):
 1
Total: 9.500000
Pizza price is $8
Between 11 AM and 14 PM, there is a 10 percent discount.
Your purchasing time is:
 13
after discount price will be: 7.200000
If Students have a Student ID then
Subtract $2 from total

Yes = 1
No = 0
Enter you have Student ID (Y/N):
1
Your Total cost is $6
If you Order Three Pizzas with Stuffed Crust,
You can get free garlic bread
How many pizzas do  you want to  order with Stuffed Crust:
3
You get free garlic bread
Pizza cost is $8
delivery = 1
pickup = 0
You want delivery or pickup:
0
Cost is: 8
Print Fee Receipt:-
Your Final Amount is: 11
You got free fries for regular costumer
```