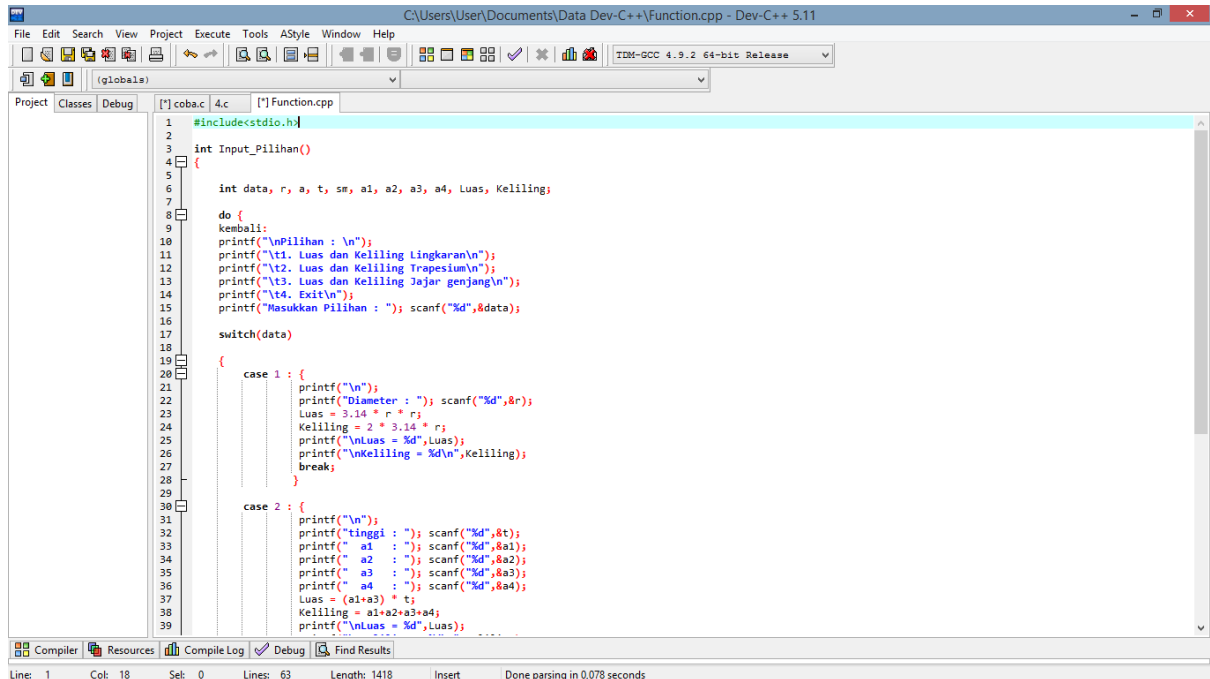


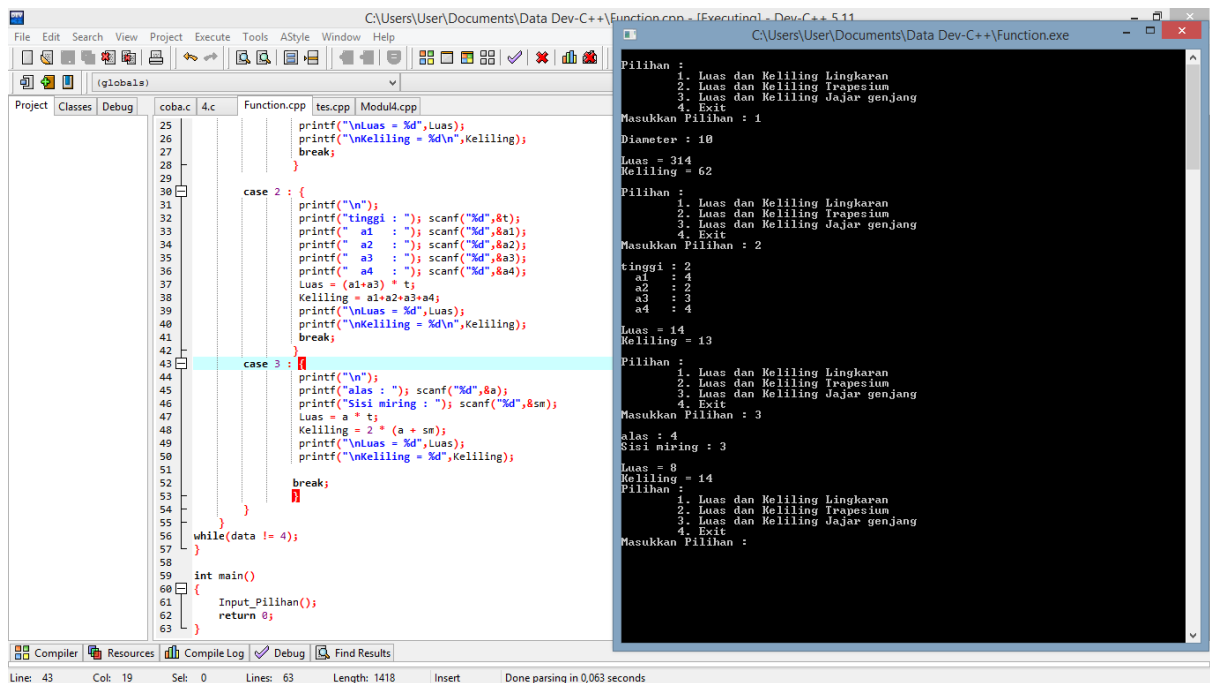
NAMA : LABIB FUAD AZZAM

NIM : 2015470034

## TUGAS MODUL 7



```
1 #include<stdio.h>
2
3 int Input_Pilihan()
4 {
5     int data, r, a, t, sm, a1, a2, a3, a4, Luas, Keliling;
6
7     do {
8         kembali:
9         printf("\nPilihan : \n");
10        printf("\t1. Luas dan Keliling lingkaran\n");
11        printf("\t2. Luas dan Keliling Trapesium\n");
12        printf("\t3. Luas dan Keliling Jajar genjang\n");
13        printf("\t4. Exit\n");
14        printf("Masukkan Pilihan : "); scanf("%d",&data);
15
16        switch(data)
17        {
18            case 1 : {
19                printf("\n");
20                printf("Diameter : "); scanf("%d",&r);
21                Luas = 3.14 * r * r;
22                Keliling = 2 * 3.14 * r;
23                printf("\nLuas = %d",Luas);
24                printf("\nKeliling = %d\n",Keliling);
25                break;
26            }
27            case 2 : {
28                printf("\n");
29                printf("tinggi : "); scanf("%d",&t);
30                printf(" a1 : "); scanf("%d",&a1);
31                printf(" a2 : "); scanf("%d",&a2);
32                printf(" a3 : "); scanf("%d",&a3);
33                printf(" a4 : "); scanf("%d",&a4);
34                Luas = (a1+a3) * t;
35                Keliling = a1+a2+a3+a4;
36                printf("\nLuas = %d",Luas);
37                printf("\nKeliling = %d\n",Keliling);
38                break;
39            }
40            case 3 : {
41                printf("\n");
42                printf("alas : "); scanf("%d",&a);
43                printf("Sisi miring : "); scanf("%d",&sm);
44                Luas = a * t;
45                Keliling = 2 * (a + sm);
46                printf("\nLuas = %d",Luas);
47                printf("\nKeliling = %d\n",Keliling);
48                break;
49            }
50        }
51    } while(data != 4);
52
53    int main()
54    {
55        Input_Pilihan();
56        return 0;
57    }
```



```
25 printf("\nLuas = %d",Luas);
26 printf("\nKeliling = %d\n",Keliling);
27 break;
28 }
29
30 case 2 : {
31     printf("\n");
32     printf("tinggi : "); scanf("%d",&t);
33     printf(" a1 : "); scanf("%d",&a1);
34     printf(" a2 : "); scanf("%d",&a2);
35     printf(" a3 : "); scanf("%d",&a3);
36     printf(" a4 : "); scanf("%d",&a4);
37     Luas = (a1+a3) * t;
38     Keliling = a1+a2+a3+a4;
39     printf("\nLuas = %d",Luas);
40     printf("\nKeliling = %d\n",Keliling);
41     break;
42 }
43 case 3 : {
44     printf("\n");
45     printf("alas : "); scanf("%d",&a);
46     printf("Sisi miring : "); scanf("%d",&sm);
47     Luas = a * t;
48     Keliling = 2 * (a + sm);
49     printf("\nLuas = %d",Luas);
50     printf("\nKeliling = %d\n",Keliling);
51     break;
52 }
53 }
54 while(data != 4);
55 }
56
57 int main()
58 {
59     Input_Pilihan();
60     return 0;
61 }
```

Pilihan :  
1. Luas dan Keliling Lingkaran  
2. Luas dan Keliling Trapesium  
3. Luas dan Keliling Jajar genjang  
4. Exit  
Masukkan Pilihan : 1  
Diameter : 10  
Luas = 314  
Keliling = 62  
Pilihan :  
1. Luas dan Keliling Lingkaran  
2. Luas dan Keliling Trapesium  
3. Luas dan Keliling Jajar genjang  
4. Exit  
Masukkan Pilihan : 2  
tinggi : 2  
a1 : 4  
a2 : 2  
a3 : 3  
a4 : 4  
Luas = 14  
Keliling = 13  
Pilihan :  
1. Luas dan Keliling Lingkaran  
2. Luas dan Keliling Trapesium  
3. Luas dan Keliling Jajar genjang  
4. Exit  
Masukkan Pilihan : 3  
alas : 4  
Sisi miring : 3  
Luas = 8  
Keliling = 14  
Pilihan :  
1. Luas dan Keliling Lingkaran  
2. Luas dan Keliling Trapesium  
3. Luas dan Keliling Jajar genjang  
4. Exit  
Masukkan Pilihan :