

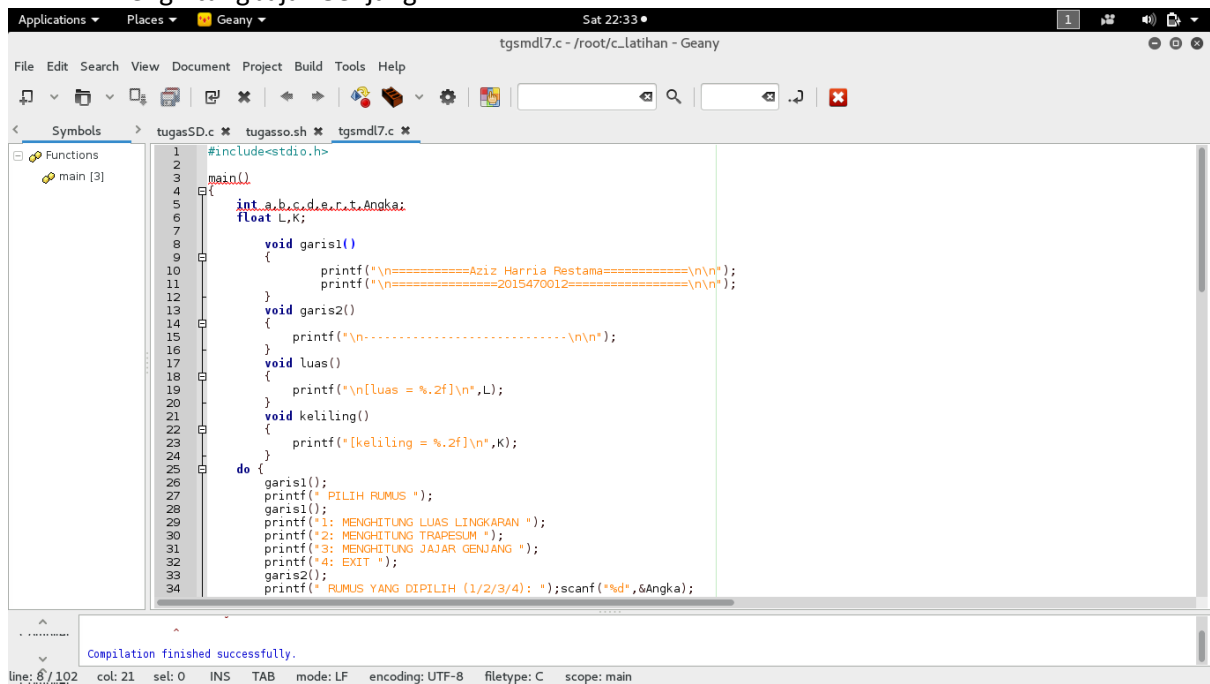
## TUGAS PRAKTEK ALGORITMA PEMROGRAMAN

NAMA : AZIZ HARRIA RESTAMA

NIM : 2015470012

### TUGAS NO 2

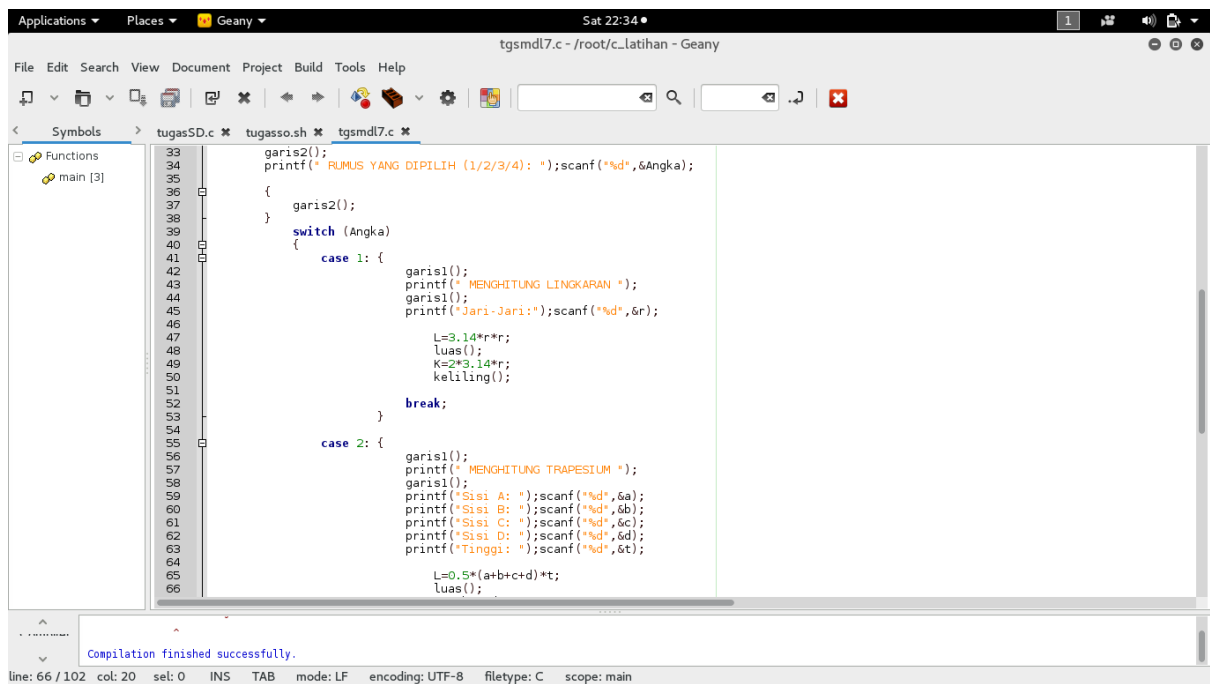
- Menghitung Luas Lingkaran
- Menghitung Trapesium
- Menghitung Jajar Genjang



```
1 #include<stdio.h>
2
3 main()
4 {
5     int a,b,c,d,e,f,i,Angka;
6     float L,K;
7
8     void garis1()
9     {
10         printf("\n=====Aziz Harria Restama=====\\n\\n");
11         printf("\\n=====2015470012=====\\n\\n");
12     }
13     void garis2()
14     {
15         printf("\\n-----\\n\\n");
16     }
17     void luas()
18     {
19         printf("\\n[luas = %.2f]\\n",L);
20     }
21     void keliling()
22     {
23         printf("[keliling = %.2f]\\n",K);
24     }
25     do {
26         garis1();
27         printf(" PILIH RUMUS ");
28         garis1();
29         printf("1: MENGHITUNG LUAS LINGKARAN ");
30         printf("2: MENGHITUNG TRAPESIUM ");
31         printf("3: MENGHITUNG JAJAR GENJANG ");
32         printf("4: EXIT ");
33         garis2();
34         printf("RUMUS YANG DIPILIH (1/2/3/4): ");scanf("%d",&Angka);
```

Compilation finished successfully.

line: 8 / 102 col: 21 sel: 0 INS TAB mode: LF encoding: UTF-8 filetype: C scope: main



```
33         garis2();
34         printf("RUMUS YANG DIPILIH (1/2/3/4): ");scanf("%d",&Angka);
35     }
36     {
37         garis2();
38     }
39     switch (Angka)
40     {
41         case 1: {
42             garis1();
43             printf(" MENGHITUNG LINGKARAN ");
44             garis1();
45             printf("Jari-Jari:");scanf("%d",&r);
46
47             L=3.14*r*r;
48             luas();
49             K=2*3.14*r;
50             keliling();
51
52             break;
53         }
54
55         case 2: {
56             garis1();
57             printf(" MENGHITUNG TRAPESIUM ");
58             garis1();
59             printf("Sisi A: ");scanf("%d",&a);
60             printf("Sisi B: ");scanf("%d",&b);
61             printf("Sisi C: ");scanf("%d",&c);
62             printf("Sisi D: ");scanf("%d",&d);
63             printf("Tinggi: ");scanf("%d",&t);
64
65             L=0.5*(a+b+c+d)*t;
66             luas();
```

Compilation finished successfully.

line: 66 / 102 col: 20 sel: 0 INS TAB mode: LF encoding: UTF-8 filetype: C scope: main

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tgsmid7.c - /root/c\_latihan - Geany

Symbols > tugasSD.c \* tugasso.sh \* tgsmid7.c \*

```
63 printf("Tinggi: ");scanf("%d",&t);
64
65 L=0.5*(a+b+c+d)*t;
66 luas();
67 K=a+b+c+d;
68 keliling();
69
70 break;
71
72
73 case 3: {
74     garis1();
75     printf(" MENGHITUNG JAJAR GENJANG ");
76     garis1();
77     printf("Sisi AB: ");scanf("%d",&a);
78     printf("Sisi BC: ");scanf("%d",&b);
79     printf("Sisi CD: ");scanf("%d",&c);
80     printf("Sisi DA: ");scanf("%d",&d);
81     printf("Tinggi: ");scanf("%d",&t);
82
83     L=a*t;
84     luas();
85     K=a+b+c+d;
86     keliling();
87
88     break;
89 }
90
91 case 4: {
92     printf("TERIMA KASIH");
93     break;
94 }
95
96 printf("\n");
```

Compilation finished successfully.

line: 63 / 102 col: 20 sel: 0 INS TAB mode: LF encoding: UTF-8 filetype: C scope: main

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tgsmid7.c - /root/c\_latihan - Geany

Symbols > tugasSD.c \* tugasso.sh \* tgsmid7.c \*

```
69
70 } break;
71
72
73 case 3: {
74     garis1();
75     printf(" MENGHITUNG JAJAR GENJANG ");
76     garis1();
77     printf("Sisi AB: ");scanf("%d",&a);
78     printf("Sisi BC: ");scanf("%d",&b);
79     printf("Sisi CD: ");scanf("%d",&c);
80     printf("Sisi DA: ");scanf("%d",&d);
81     printf("Tinggi: ");scanf("%d",&t);
82
83     L=a*t;
84     luas();
85     K=a+b+c+d;
86     keliling();
87
88     break;
89 }
90
91 case 4: {
92     printf("TERIMA KASIH");
93     break;
94 }
95
96 printf("\n");
97
98 while(Angka<=3);
99
100
101
102 }
```

Compilation finished successfully.

line: 102 / 102 col: 0 sel: 0 INS TAB mode: LF encoding: UTF-8 filetype: C scope: unknown

```
Applications ▾ Places ▾ Terminal ▾ Sat 22:36 • 1
Terminal
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=====Aziz Harria Restama=====
=====2015470012=====
1: MENGHITUNG LUAS LINGKARAN 2: MENGHITUNG TRAPESUM 3: MENGHITUNG JAJAR GENJANG 4: EXIT
-----
RUMUS YANG DIPILIH (1/2/3/4): 1
-----
=====Aziz Harria Restama=====
=====2015470012=====
MENGHITUNG LINGKARAN
=====Aziz Harria Restama=====
=====2015470012=====
Jari-Jari:3
[luas = 28.26]
[keliling = 18.84]
=====Aziz Harria Restama=====
=====2015470012=====
PILIH RUMUS
=====Aziz Harria Restama=====
```

```
Applications ▾ Places ▾ Terminal ▾ Sat 22:37 • 1
Terminal
File Edit View Search Terminal Help
=====2015470012=====
1: MENGHITUNG LUAS LINGKARAN 2: MENGHITUNG TRAPESUM 3: MENGHITUNG JAJAR GENJANG 4: EXIT
-----
RUMUS YANG DIPILIH (1/2/3/4): 2
-----
=====Aziz Harria Restama=====
=====2015470012=====
MENGHITUNG TRAPESIUM
=====Aziz Harria Restama=====
=====2015470012=====
Sisi A: 4
Sisi B: 6
Sisi C: 8
Sisi D: 10
Tinggi: 6
[luas = 84.00]
[keliling = 28.00]
=====Aziz Harria Restama=====
=====2015470012=====
PILIH RUMUS
```

```
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Terminal
File Edit View Search Terminal Help
=====Aziz Harria Restama=====

=====2015470012=====

1: MENGHITUNG LUAS LINGKARAN 2: MENGHITUNG TRAPESUM 3: MENGHITUNG JAJAR GENJANG 4: EXIT
-----
RUMUS YANG DIPILIH (1/2/3/4): 3
-----

=====Aziz Harria Restama=====

=====2015470012=====
ujamSD.c
MENGHITUNG JAJAR GENJANG
=====Aziz Harria Restama=====

=====2015470012=====

Sisi AB: 3
Sisi BC: 1
Sisi CD: 5
Sisi DA: 2
Tinggi: 8

[luas = 24.00]
[keliling = 11.00]

=====Aziz Harria Restama=====
```

```
Applications ▾ Places ▾ Terminal ▾ Sat 22:38 • 1
Terminal
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=====2015470012=====

Sisi AB: 3
Sisi BC: 1
Sisi CD: 5
Sisi DA: 2
Tinggi: 8

[luas = 24.00]
[keliling = 11.00]
Passwords & Pins

=====Aziz Harria Restama=====

=====2015470012=====

PILIH RUMUS
=====Aziz Harria Restama=====

=====2015470012=====

1: MENGHITUNG LUAS LINGKARAN 2: MENGHITUNG TRAPESUM 3: MENGHITUNG JAJAR GENJANG 4: EXIT
-----
RUMUS YANG DIPILIH (1/2/3/4): 4
-----

TERIMAKASIH

-----
(program exited with code: 0)
Press return to continue
█
```