

### **1.Luas dan Keliling Lingkaran**

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

```
#define phi 3.14
```

```
int a,b,luas,kel;
```

```
void nama(){
```

```
printf("====REGINA SARI WAHYUNI====\n");
```

```
printf("====2013470241====\n");
```

```
}
```

```
void input(){
```

```
printf("\nMasukkan nilai jari-jari lingkaran = ");
```

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

```
printf("Masukkan nilai keliling lingkaran = ");
```

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

```
}
```

```
void hitung(){
```

```
luas=phi*a*a;
```

```
kel=2*phi*b;;
```

```
}
```

```
void hasil(){
```

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**Praktikum AP1 Kel.A1**

```
printf("Luas Lingkaran = %d\n", luas);
```

```
printf("keliling lingkaran = %d\n", kel);
```

```
}
```

```
main(){
```

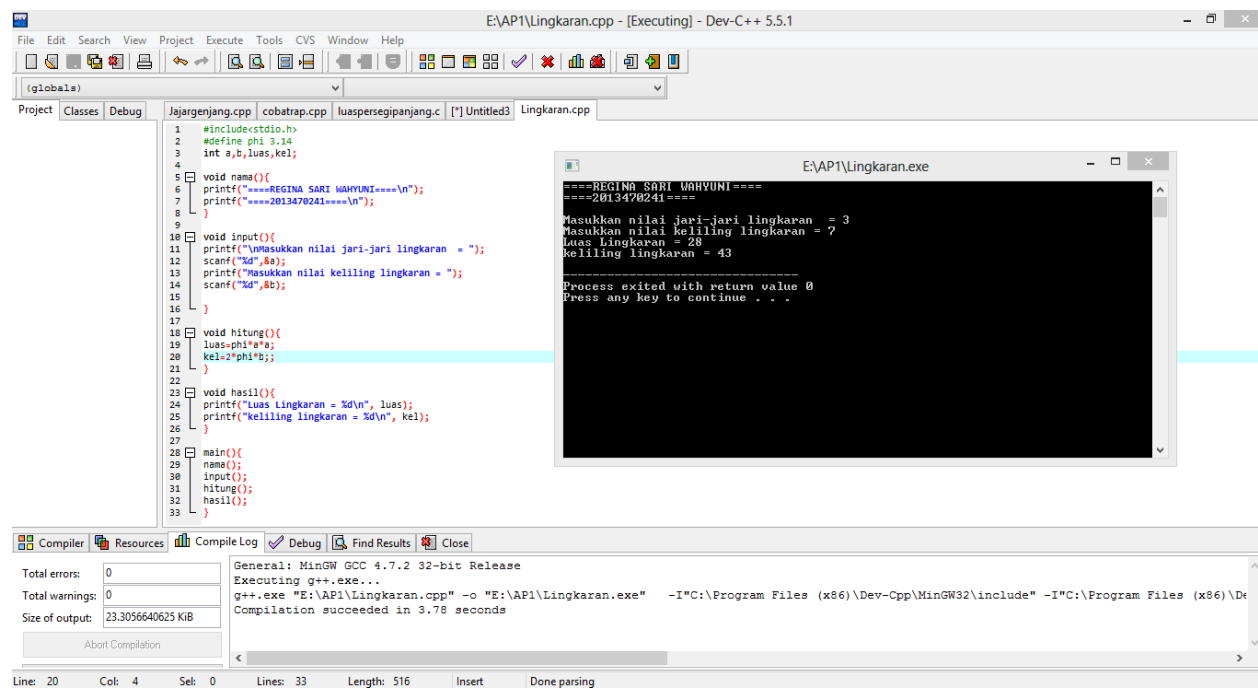
```
nama();
```

```
input();
```

```
hitung();
```

```
hasil();
```

```
}
```



## 2.Luas dan Keliling Jajar Genjang

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

```
int a,l,tinggi, sisi,kel;
```

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```
void nama(){

printf("====REGINA SARI WAHYUNI====\n");

printf("====2013470241====\n");

}


void input(){

printf("\nMasukkan nilai alas jajargenjang = ");

scanf("%d",&a);

printf("Masukkan nilai tinggi = ");

scanf("%d",&tinggi);

printf("Masukkan nilai sisi miring = ");

scanf("%d",&sisi);

}


void hitung(){

l=a*tinggi;

kel=2*a+2*sisi;

}


void hasil(){

printf("Luas jajar genjang = %d\n", l);

printf("Luas jajar genjang = %d\n", kel);

}


main(){
```

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Praktikum AP1 Kel.A1

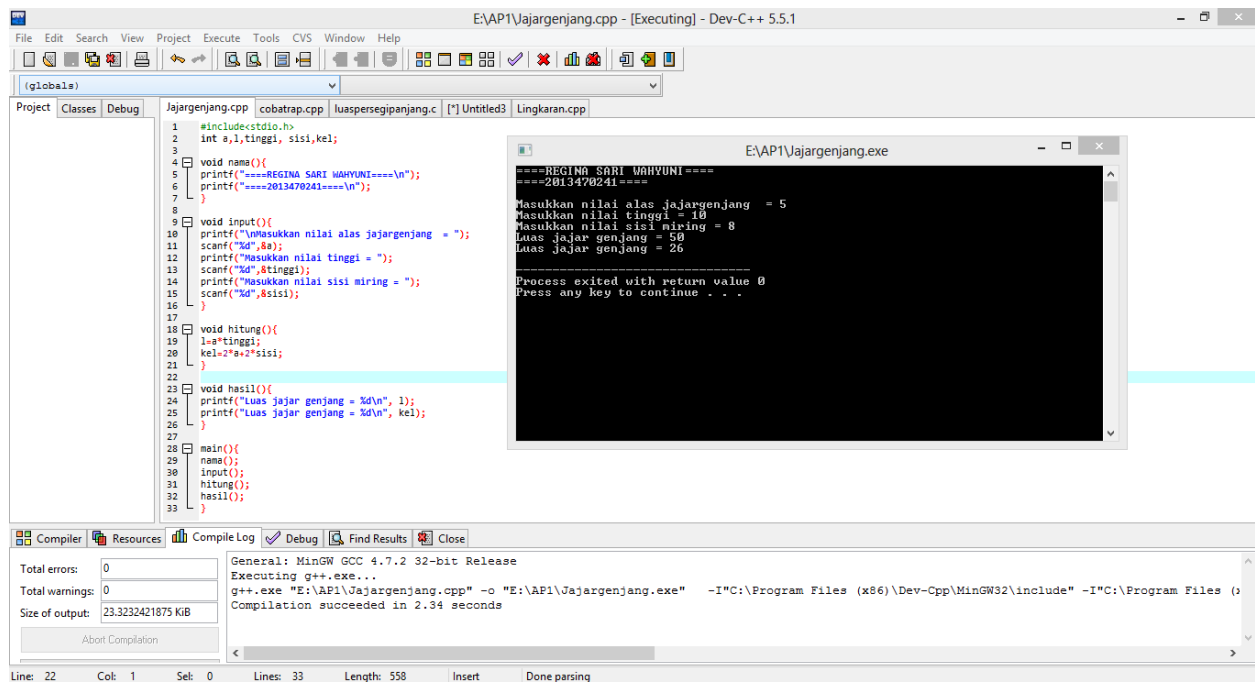
nama();

input();

hitung();

hasil();

}



### 3.Luas dan Keliling Trapesium

```
#include <iostream>
```

```
#include <iostream>
```

```
#include <conio.h>
```

```
using namespace std;
```

```
float ls_trap(float jml_sisisejajar, float tgi)
```

```
{
```

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**Praktikum AP1 Kel.A1**

```
float hsl;

hsl=(jml_sisisejajar/2)*tgi;

return(hsl);

}

float kll_trap(float sisiab,float sisibc,float sisicd,float sisida)

{

float hsl;

hsl=sisiab+sisibc+sisicd+sisida;

return(hsl);

}

main ( )

{

int menu;

float als,tgi,jari,psg,pnjg,lbr,sisi,jml_sisisejajar,sisiab,sisibc,sisicd,sisida;

float diag1,diag2,sisi_pjng,sisi_pndk;

{

cout<<endl;

cout<<"====="<<endl;

cout<<"Nama : Regina Sari Wahyuni"<<endl;

cout<<"NIM : 2013470241"<<endl;

cout<<"====="<<endl;

cout<<endl;

cout<<"Menghitung Luas dan Keliling Trapesium"<<endl;

cout<<"====="<<endl;

cout<<"Masukan Jumlah Sisi Sejajar : ";
```

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**Praktikum AP1 Kel.A1**

```
cin>>jml_sisisejajar;
```

```
cout<<"Masukkan Tinggi : ";
```

```
cin>>tgi;
```

```
cout<<"Masukkan Sisi 1 / sisi AB : ";
```

```
cin>>sisiab;
```

```
cout<<"Masukkan Sisi 2 / sisi BC : ";
```

```
cin>>sisibc;
```

```
cout<<"Masukkan Sisi 3 / sisi CD : ";
```

```
cin>>sisicd;
```

```
cout<<"Masukkan Sisi 1 / sisi DA : ";
```

```
cin>>sisida;
```

```
cout<<endl;
```

```
cout<<"Hasil Luas Trapesium : "<<ls_trap(jml_sisisejajar,tgi)<<" "<<endl;
```

```
cout<<"Hasil Keliling Trapesium : "<<kll_trap(sisiab,sisibc,sisicd,sisida)<<" "<<endl;
```

```
}
```

```
getch();
```

```
}
```

The screenshot shows the Dev-C++ 5.5.1 IDE with a C++ program titled "Luas dan keliling Trapesium.cpp". The program is executed, and the output is displayed in a separate window titled "E:\AP1\Luas dan keliling Trapesium.exe".

**Program Output:**

```
=====
Nama : Regina Sari Wahyuni
NIM : 2013470241
=====
Menghitung Luas dan Keliling Trapesium
=====
Masukkan Jumlah Sisi Sejajar : 5
Masukkan Tinggi : 6
Masukkan Sisi 1 / sisi AB : 2
Masukkan Sisi 2 / sisi BC : 4
Masukkan Sisi 3 / sisi CD : 0
Masukkan Sisi 1 / sisi DA : 10
Hasil Luas Trapesium : 15
Hasil Keliling Trapesium : 24
```

**Compiler Output:**

```
General: MinGW GCC 4.7.2 32-bit Release
Executing g++.exe...
g++.exe "E:\AP1\Luas dan keliling Trapesium.cpp" -o "E:\AP1\Luas dan keliling Trapesium.exe" -I"C:\Program Files (x86)\Dev-Cpp\MinGW32\
Compilation succeeded in 0.88 seconds
```

**4.Exit**

```
#include<iostream>

#include<conio.h>

#include<stdlib.h>

using namespace std;

main(){

    char yt,awal,selesai;

    awal:

    cout<<"Semoga Bermanfaat"<<endl<<endl;

    cout<<"Apakah anda ingin mengulang?[Y/T]:";

    cin>>yt;

    if(yt=='Y' || yt=='y'){

        goto awal;

    }

    if(yt=='T' && yt=='t'){

        goto selesai;

    }

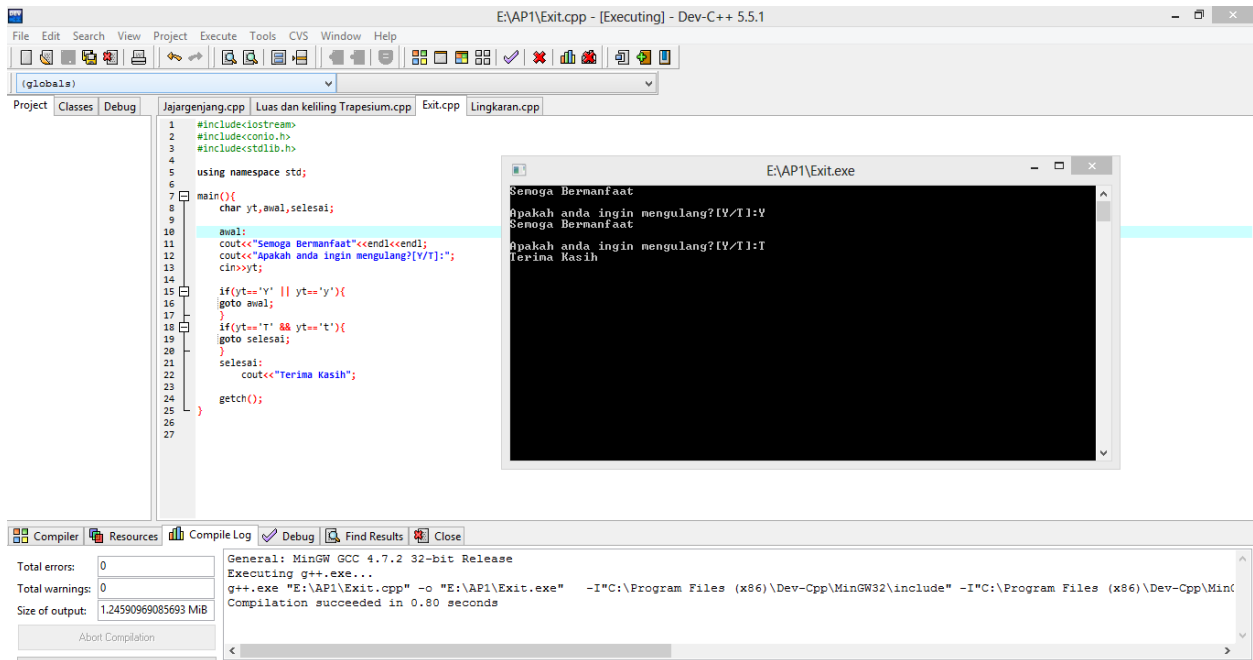
    selesai:

        cout<<"Terima Kasih";

    getch();

}
```

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**Praktikum AP1 Kel.A1**



The screenshot displays the Dev-C++ 5.5.1 IDE with the file `E:\AP1\Exit.cpp` open. The code is a C++ program that prompts the user for a character and a string, then repeats the string based on the character's value. The output window shows the program's execution, including the initial prompt, the user's input, and the resulting output.

```
1 #include<iostream>
2 #include<conio.h>
3 #include<stdlib.h>
4
5 using namespace std;
6
7 main()
8 {
9     char yt,awal,selesai;
10
11     awal:
12     cout<<"Semoga Bermanfaat"<<endl<<endl;
13     cout<<"Apakah anda ingin mengulang?(Y/T):";
14     cin>>yt;
15
16     if(yt=="Y" || yt=="y"){
17         goto awal;
18     }
19     if(yt=="T" || yt=="t"){
20         goto selesai;
21     }
22     selesai:
23     cout<<"Terima Kasih";
24     getch();
25 }
26
27
```

The output window shows the following text:

```
Semoga Bermanfaat
Apakah anda ingin mengulang?(Y/T):Y
Semoga Bermanfaat
Apakah anda ingin mengulang?(Y/T):T
Terima Kasih
```

The compiler window at the bottom shows the following output:

```
General: MinGW GCC 4.7.2 32-bit Release
Executing g++.exe...
g++.exe "E:\AP1\Exit.cpp" -o "E:\AP1\Exit.exe" -I"C:\Program Files (x86)\Dev-Cpp\MinGW32\include" -I"C:\Program Files (x86)\Dev-Cpp\MinGW32\lib"
Compilation succeeded in 0.80 seconds
```