**APLIKASI PEMBELIAN TIKET BIOSKOP**

**DENGAN BAHASA PEMOGRAMAN *C++***

oleh:

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**PROGRAM STUDI TEKNIK INFORMATIKA**

**FAKULTAS ILMU KOMPUTER**

**UNIVERSITAS SINGAPERBANGSA KARAWANG**

**KARAWANG**

**2019**



Nama : Amar Luthfi

NPM : 1810631170154

Kelas : 2G

Penugasan : - Programmer ke-2

* Penyusun Laporan
* Pembuat flowchart
* Pembuat Pseudocode

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Kelas : 2G

Penugasan : - Programmer ke-1

* Penyusun Power Point
* Penggagas



**Fasilitas Utama :**

1. Menampilkan form login karyawan (admin)
2. Menampilkan menu
3. Menampilkan daftar film
4. Input data
5. Menampilkan hasil transaksi (rekap)

**Pseudocode :**

**Judul :** Program Tiket Bioskop

**Deklarasi :** user, pass : *string*

ch, b : *character*

p, kursi, harga, jumlah, : *integer*

menu, film, pembelian : *void*

**Deskripsi :** *Input* user & pass

*If* user = admin && pass = 12345

*Then* menu()

*Else* Username atau Password salah, silakan login kembali.

*Output* menu : 1. Cek Daftar Film

2. Cek Harga

3. Pembelian Tiket

*Input* pilihan menu (1, 2, 3)

*Switch* (pilihan menu)

*Case* 1 : film

*Case* 2 : Harga

*Case* 3 : Pembelian

*Void* film

*Read* (Daftar Film)

*Input* b *goto* menu

*Void* Harga

*Read* (Daftar Harga)

*Input* b *goto* menu

*Void* Pembelian

*Input* nama film

*Input* jumlah kursi

*Read* (*total=jumlah kursi\*harga)*

*Write* (nama film, total)

**Flowchart:**

Total = Jumlah Kursi \*

Harga

Harga

Film

Pembelian

Daftar Harga

Daftar Film

3. Pembelian

tiket

2. Harga

1. Daftar Film

Menu

Yes

No

Masuk=

admin

Login Admin

**Source Code** :

Nama Film &

Total pembayaran

#include <iostream>

#include <conio.h>

#include <stdlib.h>

#include <windows.h>

using namespace std;

void garis();

void menu();

void film();

void hargatiket();

void beli();

void kelass();

void daftarfilm();

main()

{

system("color a");

string user,pass;

char ch;

login :

cout<<"\t";garis(); cout<<endl;

cout<<"\t------------SELAMAT DATANG-----------"<<endl;

cout<<"\t-----------Z1R0 Z1R0 TEATER----------"<<endl;

cout<<"\t";garis(); cout<<endl;

cout<<" \t | Silakan Login |"<<endl;

cout<<"\t"; garis(); cout<<endl;

cout << "\tUsername : "; cin >> user;

cout << "\tPassword : ";

ch = \_getch();

while(ch != 13)

{

pass.push\_back(ch);

cout << '\*';

ch = \_getch();

}

beranda:

if (user=="admin" && pass=="12345")

{

system("cls");

menu();

getch();

}

else

{

system("cls");

cout<<"\n\n Username atau Password salah, silakan login kembali"<<endl;

goto login;

return 0;

}

}

void garis()

{

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

}

void menu()

{

int p;

system ("cls");

cout<<"\t"<<"===";garis(); cout<<"==="<<endl;

cout<<"\t Selamat Datang di Z1R0 Z1R0 TEATER"<<endl;

cout<<"\t"<<"===";garis(); cout<<"==="<<endl<<endl;

cout<<"\t\t1. Cek Daftar Film"<<endl;

cout<<"\t\t2. Cek Harga"<<endl;

cout<<"\t\t3. Pembelian Tiket"<<endl<<endl;

cout<<"\t"<<"===";garis(); cout<<"==="<<endl;

cout<<"\tMasukkan Pilihan : "; cin>>p;

switch(p)

{

case 1:

film();

break;

case 2:

system("cls");

hargatiket();

break;

case 3:

beli();

break;

}

}

void film()

{

char b;

daftarfilm();

cout << "\nPress B For Back : ";

cin >> b;

if(b == 'b' || b == 'B')

{

menu();

}

getch();

}

void hargatiket()

{

char b;

kelass();

cout << "\nPress B For Back : ";

cin >> b;

if(b == 'b' || b == 'B')

{

menu();

}

getch();

}

void daftarfilm()

{

system("cls");

cout<<" \*\*\*- FILM -\*\*\*"<<endl;

cout<<" \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"<<endl;

cout<<" | ACTION | COMEDY | HORROR | INDONESIA |"<<endl;

cout<<" |-------------------|--------------------|------------------|----------------------|"<<endl;

cout<<" | 1. |FAST FURIOUS 7| 3. |MR.BEAN HOLIDAY| 5. |THE CONJURING| 7. | DILAN 1991 |"<<endl;

cout<<" | | | | | | | | |"<<endl;

cout<<" | 2. | IRON MAN 3 | 4. |JOHNNY ENGLISH | 6. | INSIDIOUS 3 | 8. | MY STUPID BOSS 2|"<<endl;

cout<<" |-------------------|--------------------|------------------|----------------------|"<<endl<<endl;

}

void kelass()

{

int a,b,c,d;

cout<<"\n ===HARGA TIKET==="<<endl;

cout<<" \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"<<endl;

cout<<" | KELAS | JENIS | HARGA |"<<endl;

cout<<" |-------------|-------------|---------------|"<<endl;

cout<<" | | 2D | Rp30.000,00 |"<<endl;

cout<<" | REGULER |-------------|---------------|"<<endl;

cout<<" | | 3D | Rp45.000,00 |"<<endl;

cout<<" |-------------|-------------|---------------|"<<endl;

cout<<" | | 2D | Rp50.000,00 |"<<endl;

cout<<" | GOLD |-------------|---------------|"<<endl;

cout<<" | | 3D | Rp70.000,00 |"<<endl;

cout<<" |-------------|-------------|---------------|"<<endl;

}

void beli()

{

char \*nama,\*kelas,\*jenis,\*studio,n,mf,kls,t;

float harga,jml,tot;

daftarfilm();

kelass();

cout<<"\n\n Masukkan kode film [1-8] : "; cin>>mf;

cout<<" Masukkan kelas [R/G] : "; cin>>n;

cout<<" Masukkan jenis [2/3]D : "; cin>>kls;

cout<<" Masukkan jumlah pemesanan : "; cin>>jml;

switch(mf)

{

case '1':

studio="STUDIO 1";

nama="FAST FURIOUS 7";

if(n=='R' || n=='r')

{

kelas="Reguler";

if(kls==2)

{

jenis="2D";

harga=30000;

}

else

{

jenis="3D";

harga=45000;

}

}

else if(n=='g' || n=='G')

{

kelas="Gold";

if(kls==2)

{

jenis="2D";

harga=50000;

}

else

{

jenis="3D";

harga=70000;

}

}

break;

case '2':

studio="STUDIO 1";

nama="IRON MAN 3";

if(n=='R' || n=='r')

{

kelas="Reguler";

if(kls==2)

{

jenis="2D";

harga=30000;

}

else

{

jenis="3D";

harga=45000;

}

}

else if(n=='g' || n=='G')

{

kelas="Gold";

if(kls==2)

{

jenis="2D";

harga=50000;

}

else

{

jenis="3D";

harga=70000;

}

}

break;

case '3':

studio="STUDIO 2";

nama="MR.BEAN HOLIDAY";

if(n=='R' || n=='r')

{

kelas="Reguler";

if(kls==2)

{

jenis="2D";

harga=30000;

}

else

{

harga=45000;

}

}

else if(n=='g' || n=='G')

{

kelas="Gold";

if(kls==2)

{

jenis="2D";

harga=50000;

}

else

{

jenis="3D";

harga=70000;

}

}

break;

case '4':

studio="STUDIO 2";

nama="JOHNNY ENGLISH";

if(n=='R' || n=='r')

{

kelas="Reguler";

if(kls==2)

{

jenis="2D";

harga=30000;

}

else

{

jenis="3D";

harga=45000;

}

}

else if(n=='g' || n=='G')

{

kelas="Gold";

if(kls==2)

{

jenis="2D";

harga=50000;

}

else

{

jenis="3D";

harga=70000;

}

}

break;

case '5':

studio="STUDIO 3";

nama="THE CONJURING";

if(n=='R' || n=='r')

{

kelas="Reguler";

if(kls==2)

{

jenis="2D";

harga=30000;

}

else

{

jenis="3D";

harga=45000;

}

}

else if(n=='g' || n=='G')

{

kelas="Gold";

if(kls==2)

{

jenis="2D";

harga=50000;

}

else

{

jenis="3D";

harga=70000;

}

}

break;

case '6':

studio="STUDIO 3";

nama="INSIDIOUS 3";

if(n=='R' || n=='r')

{

kelas="Reguler";

if(kls==2)

{

jenis="2D";

harga=30000;

}

else

{

jenis="3D";

harga=45000;

}

}

else if(n=='g' || n=='G')

{

kelas="Gold";

if(kls==2)

{

jenis="2D";

harga=50000;

}

else

{

jenis="3D";

harga=70000;

}

}

break;

case '7':

studio="STUDIO 4";

nama="DILAN 1991";

if(n=='R' || n=='r')

{

kelas="Reguler";

if(kls==2)

{

jenis="2D";

harga=30000;

}

else

{

jenis="3D";

harga=45000;

}

}

else if(n=='g' || n=='G')

{

kelas="Gold";

if(kls==2)

{

jenis="2D";

harga=50000;

}

else

{

jenis="3D";

harga=70000;

}

}

break;

case '8':

studio="STUDIO 5";

nama="MY STUPID BOSS ";

if(n=='R' || n=='r')

{

kelas="Reguler";

if(kls==2)

{

jenis="2D";

harga=30000;

}

else

{

jenis="3D";

harga=45000;

}

}

else if(n=='g' || n=='G')

{

kelas="Gold";

if(kls==2)

{

jenis="2D";

harga=50000;

}

else

{

jenis="3D";

harga=70000;

}

}

break;

}

system("cls");

tot=jml\*harga;

cout<<"\t TRANSAKSI PENJUALAN TIKET BIOSKOP"<<endl;

cout<<"\t";garis(); cout<<endl;

cout<<"\n\t Nama Film : "<<nama<<endl;

cout<<"\t Studio : "<<studio<<endl;

cout<<"\t Kelas : "<<kelas<<endl;

cout<<"\t Jenis : "<<jenis<<endl;

cout<<"\t Harga Tiket : Rp"<<harga<<",00"<<endl;

cout<<"\t Jumlah Pemesanan : "<<jml<<endl;

cout<<"\t";garis(); cout<<endl;

cout<<"\t Total Bayar : Rp"<<tot<<",00"<<endl;

cout<<"\n\n\t=====";garis(); cout<<endl;

cout<<"\tApakah anda ingin membeli lagi ? [Y/T] : "; cin>>t;

while(t=='y' || t=='Y')

{

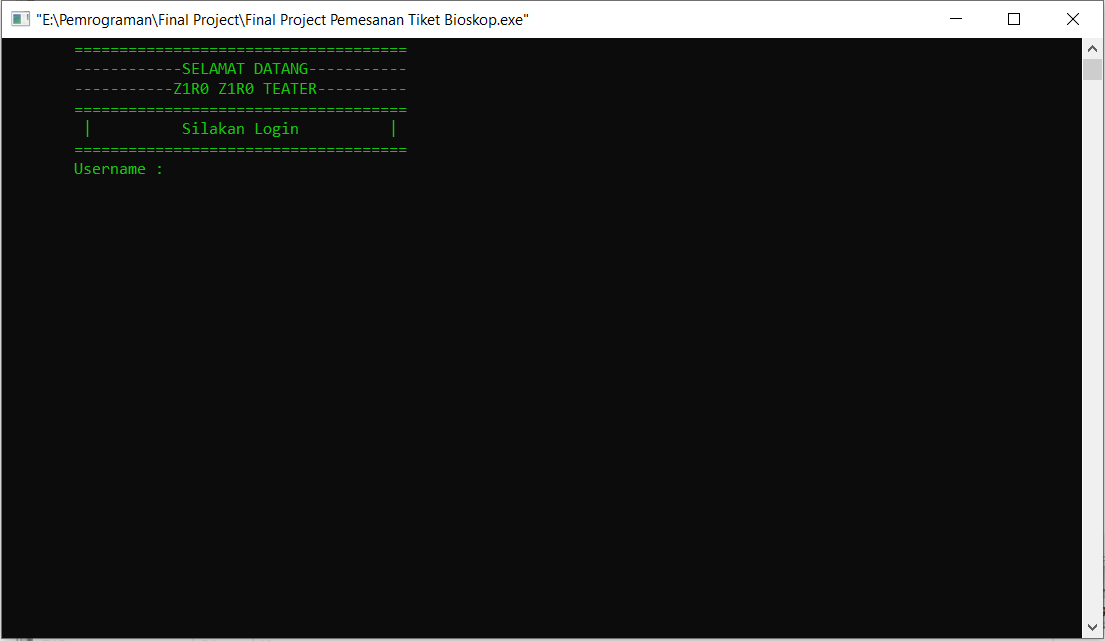
menu();

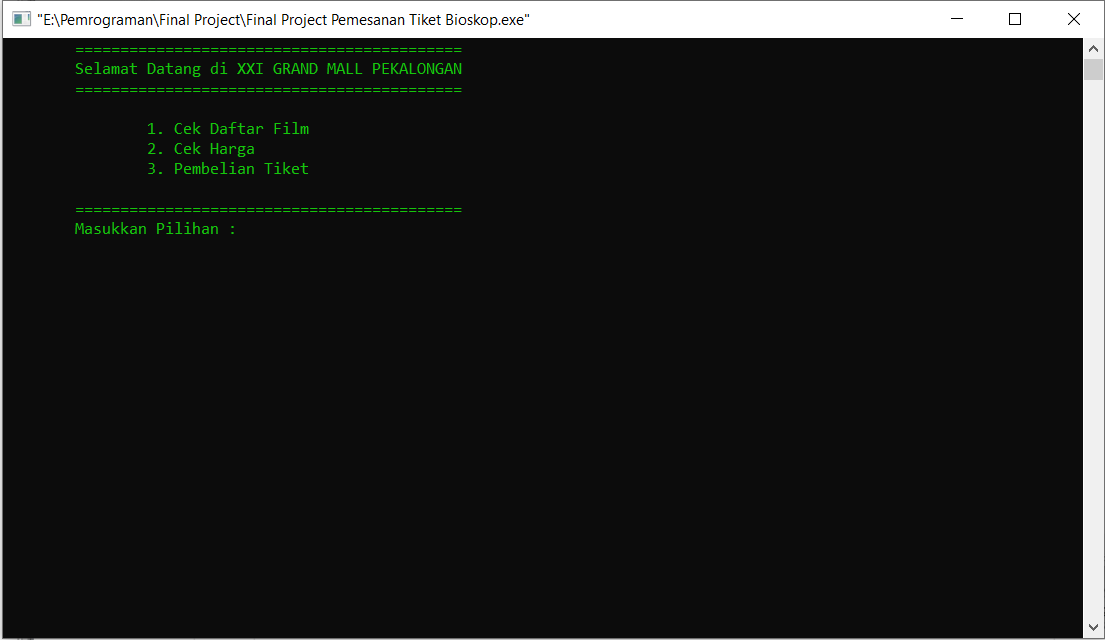
}

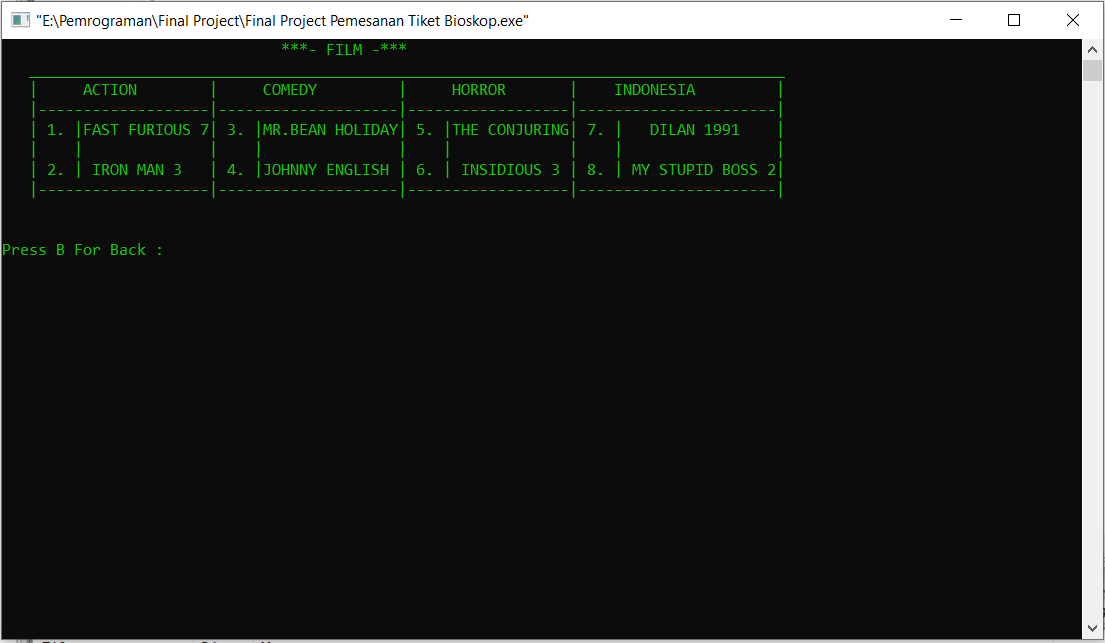
cout<<"\n\n\t ==========TERIMA KASIH==========";

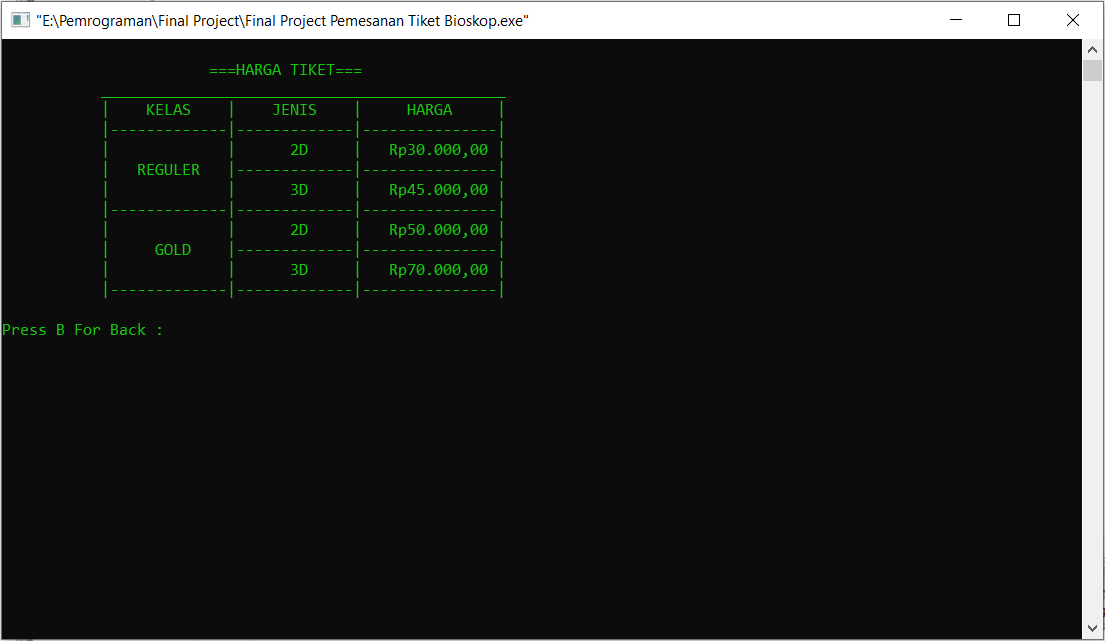
}

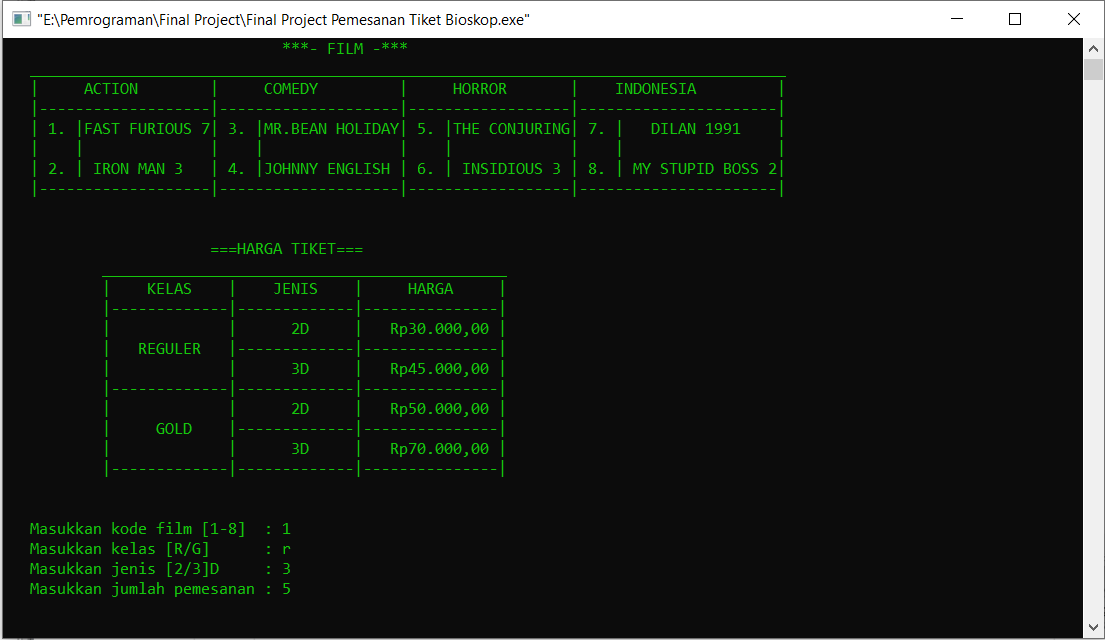
**Screen shoot**

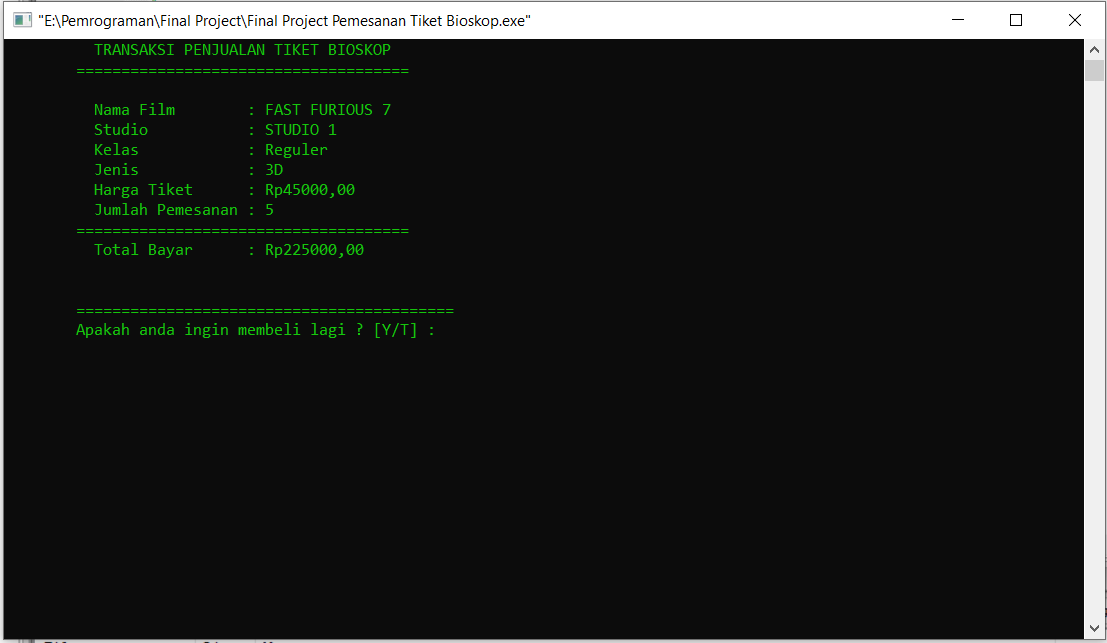
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