What Is The Output?

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| A | B | C | P1 | P2 | P3 |
| 10 | 15 | 27 | 15 | 15 | 15 |
| 27 | 6 |  | 27 | 8 | 15 |
| 6 |  |  | 27 | 8 | 6 |
|  |  |  | 27 | 27 | 27 |
|  |  |  | 27 |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

Program:

#include<iostream>

using namespace std;

int main(){

int a,b,c;

int \*p1,\*p2,\*p3;

a=10;

cout<<"nilai a :"<<a<<endl;

cout<<"alamat a :"<<&a<<endl<<endl;

b=15;

cout<<"nilai b :"<<b<<endl;

cout<<"alamat b :"<<&b<<endl<<endl;

p1=&b;

cout<<"nilai p1 :"<<\*p1<<endl;

cout<<"alamat p1 :"<<p1<<endl<<endl;

p2=p1;

cout<<"nilai p2 :"<<\*p2<<endl;

cout<<"alamat p2 :"<<p2<<endl<<endl;

c=27;

cout<<"nilai c :"<<c<<endl;

cout<<"alamat c :"<<&c<<endl<<endl;

p1=&c;

cout<<"nilai p1 :"<<\*p1<<endl;

cout<<"alamat p1 :"<<p1<<endl<<endl;

a=\*p1;

cout<<"nilai a :"<<a<<endl;

cout<<"alamat a :"<<&a<<endl<<endl;

p3=&b;

cout<<"nilai p3 :"<<\*p3<<endl;

cout<<"alamat p3 :"<<p3<<endl<<endl;

\*p2=8;

cout<<"nilai p2 :"<<\*p2<<endl;

cout<<"alamat p2 :"<<p2<<endl<<endl;

p1=&a;

cout<<"nilai p1 :"<<\*p1<<endl;

cout<<"alamat p1 :"<<p1<<endl<<endl;

p2=&b;

cout<<"nilai p2 :"<<\*p2<<endl;

cout<<"alamat p2 :"<<p2<<endl<<endl;

\*p1=c;

cout<<"nilai p1 :"<<\*p1<<endl;

cout<<"alamat p1 :"<<p1<<endl<<endl;

a=\*p2;

cout<<"nilai a :"<<a<<endl;

cout<<"alamat a :"<<&a<<endl<<endl;

b=6;

cout<<"nilai b :"<<b<<endl;

cout<<"alamat b :"<<&b<<endl<<endl;

p3=&b;

cout<<"nilai p3 :"<<\*p3<<endl;

cout<<"alamat p3 :"<<p3<<endl<<endl;

p3=&c;

cout<<"nilai p3 :"<<\*p3<<endl;

cout<<"alamat p3 :"<<p3<<endl<<endl;

\*p1=\*p3;

cout<<"nilai p1 :"<<\*p1<<endl;

cout<<"alamat p1 :"<<p1<<endl<<endl;

a=b;

cout<<"nilai a :"<<a<<endl;

cout<<"alamat a :"<<a<<endl<<endl;

\*p2=\*p3;

cout<<"nilai p2 :"<<\*p2<<endl;

cout<<"alamat p2 :"<<p2<<endl<<endl;

return 0;

}

Output:

nilai a :10

alamat a :0x6ffdf4

nilai b :15

alamat b :0x6ffdf0

nilai p1 :15

alamat p1 :0x6ffdf0

nilai p2 :15

alamat p2 :0x6ffdf0

nilai c :27

alamat c :0x6ffdec

nilai p1 :27

alamat p1 :0x6ffdec

nilai a :27

alamat a :0x6ffdf4

nilai p3 :15

alamat p3 :0x6ffdf0

nilai p2 :8

alamat p2 :0x6ffdf0

nilai p1 :27

alamat p1 :0x6ffdf4

nilai p2 :8

alamat p2 :0x6ffdf0

nilai p1 :27

alamat p1 :0x6ffdf4

nilai a :8

alamat a :0x6ffdf4

nilai b :6

alamat b :0x6ffdf0

nilai p3 :6

alamat p3 :0x6ffdf0

nilai p3 :27

alamat p3 :0x6ffdec

nilai p1 :27

alamat p1 :0x6ffdf4

nilai a :6

alamat a :6

nilai p2 :27

alamat p2 :0x6ffdf0