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