

Tugas ASD (Tabel Pointer)

Matkul : Algoritma & Struktur Data

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Jawaban :

Output Pointer

| 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 | | |
| | | | | | |
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Source Code :

```
#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;
}

```