**24F-0040**

**Laiba**

**Data Structure**

**Lab 01**

**Problem#01:**

code:

#include<iostream>

using namespace std;

void funcA(){

int \*ptr1 =new int(10);

auto funcB=[](){

int \*ptr2=new int (20);

cout<<"Pointer in function B is: "<<\*ptr2<<endl;

delete ptr2;

};

cout<<"Pointer in function A is: "<<\*ptr1<<endl;

delete ptr1;

funcB();

}

int main(){

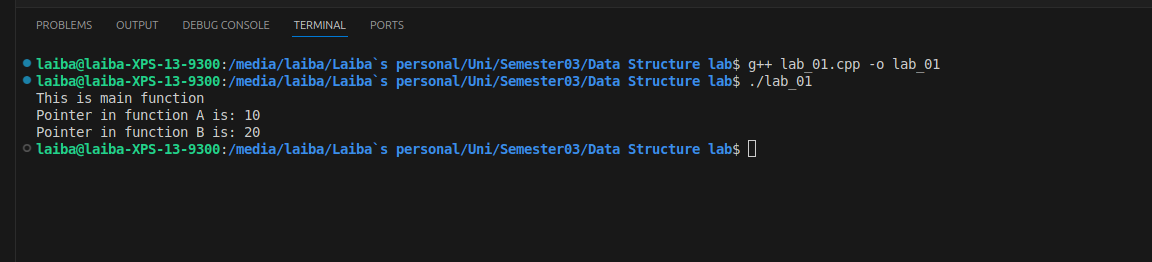
cout<<"This is main function"<<endl;

funcA();

return 0;

}

output:



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