

Programming Fundamentals

QUIZE 3

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Q) A phone number, such as 212- 767-8900, can be thought of as having three parts: the area code (212), the exchange (767), and the number (8900). Write a program that uses a structure to store these three parts of a phone number separately. Call the structure phone. Create two structures variables of type phone. Initialize one, and have the user input a number for the other one. Then display both numbers.

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| --- |
| #include<iostream>  using namespace std;  struct phone  {      int code;      int exchange;      long int number;  };  int main()  {      phone ph1;      phone ph2={212,767,8900};      cout<<"Enter the phone number"<<endl;      cout<<"Enter the code : ";      cin>>ph1.code;      cout<<"Enter the exchange : ";      cin>>ph1.exchange;      cout<<"Enter the number : ";      cin>>ph1.number;      cout<<"\n-----The first phone number is-----\n"<<endl;      cout<<"\n"<<ph2.code<<"-"<<ph2.exchange<<"-"<<ph2.number<<endl;      cout<<"\n-----The second phone number is-----\n"<<endl;      cout<<"\n"<<ph1.code<<"-"<<ph1.exchange<<"-"<<ph1.number;      return 0;  } |

Output:

