プログラミングC++　第7回クイズ

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　文字列型の氏名をキー，文字列型の電話番号を値とする連想記憶phonebookを持ち，その内容は以下だとする．このとき，まずphonebookに以下のデータを保存し，その後すべての氏名と電話番号を標準出力ストリームに出力するプログラムを書け．

* John 555-0000
* Paul 555-1111
* Ringo 555-2222
* George 555-3333

Suppose that we have an associative memory named phonebook, in which a name as string is a key, and a phone number as a sting is a value. The contents of the phonebook is the above. Write a c++ code to store the above pairs in the phonebook, and print all the contents of the phonebook to the cout.

解答欄 / Answer

#include <iostream>

#include <string>

#include <map>

int main(){

std::map<std::string, std::string> phonebook;

phonebook["John"] = "555-0000";

phonebook["Paul"] = "555-1111";

phonebook["Ring"] = "555-2222";

phonebook["George"] = "555-3333";

for( std::map<std::string,std::string>::iterator iter = phonebook.begin(); iter != phonebook.end(); iter++){

std::cout << iter->first << " " << iter->second << std::endl;

}

return 0;

}