**Problem 4(Bonus)**

#include <iostream>

using namespace std;

int main()

{

string name;

cout << "Enter Apaxian name : ";

cin >> name;

string compactName(1 , name[0]);

for (int i = 1; i < name.length(); i++)

{

if (name[i] != name[i - 1])

{

compactName += name[i];

}

}

cout << "the compact name : " << compactName << endl;

return 0;

}

✔ output

