//Joon Im

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//Demo:9:07

#include <bits/stdc++.h>

#include <iostream>

using namespace std;

int sort6(int &a, int &b, int &c, int &d, int &e, int &f)//6parameters{

int arr[]={a, b, c, d, e, f};

int n = sizeof(arr)/sizeof(arr[0]);

sort(arr, arr+n);

int sum = 0;

for (int i = 0; i < 6; i++)

{

cout << arr[i] << endl;

sum = sum + arr[i];

}

return sum;

}

int main(){

srand(time(NULL));

int a = (rand()%400 + 100);

int b = (rand()%400 + 100);

int c = (rand()%400 + 100);

int d = (rand()%400 + 100);

int e = (rand()%400 + 100);

int f = (rand()%400 + 100);

cout << "Array Before Sorting: " << endl;

cout << a << endl;

cout << b << endl;

cout << c << endl;

cout << d << endl;

cout << e << endl;

cout << f << endl;

cout << "Array After Sorting: " << endl;

int sum = sort6(a, b, c, d, e, f);

cout << "Sum of the Array is : " << sum << endl;

return 0;

}

