Kattis ABC

#include <iostream>  
#include <cstdio>  
#include <vector>  
#include <string>  
  
int main(){  
  
 freopen("./input.txt","r",**stdin**);  
  
 *// input the numbers and the string* auto num1 = 0;  
 auto num2 = 0;  
 auto num3 = 0;  
 std::string inputString;  
 std::vector<int> vecInput;  
 std::vector<int> output**{**0,0,0**}**; *// watch out - must initialize it!!!* std::scanf("%d %d %d",&num1,&num2,&num3);  
 std::getline(std::cin,inputString);  
 if(inputString == "") {  
 std::getline(std::cin, inputString);  
 }  
 *// put numbers in vector* vecInput.push\_back(num1);  
 vecInput.push\_back(num2);  
 vecInput.push\_back(num3);  
  
 *// with numbers in vector, sort vector* std::sort (vecInput.begin(),vecInput.end());  
  
 *// process string and for each character, select number and put in output vectr  
 // easy since we know the each string is only three characters long* for(int i = 0;i< 3;i++) {  
 if (inputString[i] == 'A') {  
 output[i] = vecInput[0];  
 }  
 else if (inputString[i] == 'B') {  
 output[i] = vecInput[1];  
 }  
 else if (inputString[i] == 'C') {  
 output[i] = vecInput[2];  
 }  
 }  
 *// print output* std::printf("%d %d %d\n",output[0],output[1],output[2]);  
  
  
 return 0;  
  
}