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**Homework6\_1**

**Code :**

#include<iostream>

using namespace std;

int main(){

int arr[3];

cout << "Please input the three cards :";

for(int i = 0; i < 3; i++){

cin >> arr[i];

}

// for(int i = 0; i < 3; i++){

// cout << arr[i] << " ";

// }

int flag;

double sum = 0.0;

// Check if the input has ace

for(int i = 0; i < 3; i++){

if(arr[i] == 1){

flag = 1;

}

}

// Calculate the current total

for(int i = 0; i < 3; i++){

sum = sum + arr[i];

}

// cout

if(flag == 1){

if ((sum+10) <= 21)

{

cout << "Sum=" << sum + 10;

}else{

cout << "Sum=" << sum;

}

}else{

cout << "Sum=" << sum;

}

}

//This code is created by Hanlin Cai

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