

ព្រះរាជាណាចក្រកម្ពុជា  
ជាតិ សាសនា ព្រះមហាក្សត្រ

Institute of technology of Cambodia

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The lesson taking about using recursive in c++

Bonus Challenge C++

TP: Algorithm and Programming II

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## Bonus challenge:

```
rt here X Bonnus challen venthon,e20191250.cpp X
1  #include<iostream>
2  using namespace std;
3  int displaysumAllInput(int n)
4  {
5      if(n== -1)
6      {
7          return n+1;
8      }
9      else
10     {
11         cout<<"\n\tEnter the number: ";
12         cin>>n;
13         return n+displaysumAllInput(n);
14     }
15 }
16
17
18 main()
19 {
20     float n;
21     int result=displaysumAllInput(n);
22     cout<<"\n\t Summation of All number by input is: "<<result<<endl;
23
24 }
25
```

"C:\Users\Admin\Desktop\code c++\TP13C++\Bonnus challen venthon,e20191250.exe"

Enter the number: 20

Enter the number: -20

Enter the number: 30

Enter the number: -30

Enter the number: 1

Enter the number: 80

Enter the number: -1

Summation of All number by input is: 80

Process returned 0 (0x0) execution time : 26.049 s  
Press any key to continue.