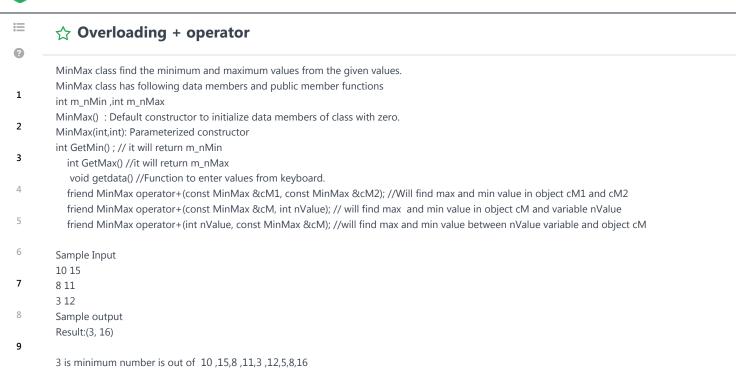




7/10 Attempted

▲ Mehak Goy



YOUR ANSWER

16 is maximum number is out of 10,15,8,11,3,12,5,8,16

10

```
Original code
                                                                                     C++
                                                                                                                    Ö
 1 ▶ #include<↔
   using namespace std;
 3
   class MinMax
4 ▼ {
 5
    private:
        int m_nMin; // The min value
 6
 7
        int m_nMax; // The max value
 8
    public:
 9
10
        MinMax();
        MinMax(int nMin, int nMax);
11
12
        int GetMin() { return m_nMin; }
13
        int GetMax() { return m_nMax; }
14
        void getdata();
15
        friend MinMax operator+(const MinMax &cM1, const MinMax &cM2);
        friend MinMax operator+(const MinMax &cM, int nValue);
16
17
        friend MinMax operator+(int nValue, const MinMax &cM);
18
   };
19
    MinMax::MinMax()
20 ▼
        {
21
        m nMin=0;
22
        m_nMax=0;
23
24
    MinMax::MinMax(int nMin,int nMax)
25 ▼
26
        m_nMin=nMin;
27
        m_nMax=nMax;
28
29
    void MinMax::getdata()
30 ▼
31
        cin>>m_nMin>>m_nMax;
32
33
    MinMax operator+(const MinMax &cM1, const MinMax &cM2)
34 ▼
35
         MinMax d;
```

```
\stackrel{:}{:}=
         40
                  else
         41 ▼
0
         42
                       d.m_nMin=cM2.m_nMin;
         43
         44
                  if(cM1.m_nMax>cM2.m_nMax)
         45 ▼
1
         46
                       d.m_nMax=cM1.m_nMax;
         47
2
         48
                  else
         49 ▼
3
                       d.m_nMax=cM2.m_nMax;
         50
         51
                       }
         52
                  return d;
         53
                  }
             MinMax operator+(const MinMax &cM,int nValue)
         54
5
         55 ▼
         56
                  MinMax s;
6
                  if(cM.m_nMin<nValue)</pre>
         57
         58 ▼
         59
                       s.m_nMin=cM.m_nMin;
7
         60
                       }
         61
                  else
8
         62 ▼
                       s.m_nMin=nValue;
         63
9
         64
         65
                  if(cM.m_nMax>nValue)
         66 ▼
10
         67
                       s.m_nMax=cM.m_nMax;
         68
                       }
         69
                  else
         70 ▼
         71
                       s.m_nMax=nValue;
         72
         73
                  return s;
         74
                  }
         75
             MinMax operator+(int nValue,const MinMax &cM)
         76 ▼
         77
                  MinMax 1;
                  if(cM.m_nMin<nValue)</pre>
         78
         79 ▼
         80
                       1.m_nMin=cM.m_nMin;
         81
         82
                  else
         83 ▼
                       1.m_nMin=nValue;
         84
         85
         86
                  if(cM.m_nMax>nValue)
         87 ▼
         88
                       1.m_nMax=cM.m_nMax;
         89
                       }
         90
                  else
         91 ▼
                       1.m_nMax=nValue;
         92
         93
                       }
         94
                  return 1;
         95
          96
              int main()
          97 ▼ {
          98
                   MinMax cM1,cM2,cM3;
          99
                   cM1.getdata();
         100
                   cM2.getdata();
         101
                   cM3.getdata();
         102
         103
                   MinMax cMFinal=cM1+cM2+5+8+cM3+16;
         104
         105
                   cout<<"Result:("<<cMFinal.GetMin()<<", "<<cMFinal.GetMax()<< ")"<<endl;</pre>
         106
        107
                   return 0;
```

8

9

10

