```cpp
// Online C++ compiler to run C++ program
   online
#include <iostream>
using namespace std;

class SumOfNaturalNumbers {
    int n;
    int sum;

public:
    SumOfNaturalNumbers() {
        cout << "Enter the value of n: ";
        cin >> n;
        sum = 0;

        for (int i = 1; i <= n; i++) {
            sum += i;
        }
    }

    void displaySum() const {
        cout << "Sum of first " << n << " "
            natural numbers is: " << sum <<
            endl;
    }
};

int main() {
    SumOfNaturalNumbers sumObj;
    sumObj.displaySum();

    return 0;
}
```

Output

```
/tmp/FE1LYA4uSs.o
Enter the value of n: 6
Sum of first 6 natural numbers is: 21


=== Code Execution Successful ===
```