**/\* 3.wap to compute the sum of the first n terms of the following series**

**S=1+1/2+1/3+1/4…. \*/**

#include <iostream>

using namespace std;

int main()

{

int n;

float s=0;

cout<<"Enter the any positive integer n";

cin>>n;

for(float i=1;i<n+1;i++)

s = s+(1/i);

cout<<"the sum of 1+1/2+1/3+1/4..... is "<<s<<endl;

system("pause");

return 0;

}

Output:-

