# Practical No:11

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Date: October 28, 2021

**Objective:** WAP to find the sum of following series: 1 + 1/2 + 1/3 + 1/4 + 1/5…..

# Code :

import java.util.\*;

class Series{

public static void main(String[] args){

int n;

float i;

float sum=0.0f;

Scanner sc = new Scanner(System.in);

System.out.print("Enter the number 'n': ");

n= sc.nextInt();

for(i=1.0f; i<n; i++){

sum+=1/i;

System.out.print(1+ "/"+ i+ " + ");

}

sum+=1/i;

System.out.println(1+ "/"+ i+ " = "+ sum);

sc.close();

}

}

# Output:

PS E:\03 Semester\Java\Assignments\Assignment\_04\_oct28> cd "e:\03 Semester\Java\Assignments\Assignment\_04\_oct28\" ; if ($?) { javac Series.java } ; if ($?) { java Series }

Enter the number 'n': 4

1/1.0 + 1/2.0 + 1/3.0 + 1/4.0 = 2.0833335