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# Assignment 1

Write a C-program to calculate the sum correct up to 4 decimal places of

where is the last digit of your university roll number.

## Program

#include <stdio.h>

int main()

{

int i, R = 0, N;

double sum = 0.0;

printf("Input the value of R: ");

scanf("%d", &R);

N = 10 + R;

for (i = 0; i < N; i++)

sum = sum + 1.0/(i+1);

printf("The sum of the series correct upto 4D is %.4f", sum);

return 0;

}

## Output

Sample Output

# Assignment 2

Write a C program to enter 10 integers into an array and sort them in ascending order.

## Program

#include <stdio.h>

int main()

{

int a[10], N = 10;

int i, j, temp;

printf("Input %d integers:\n", N);

for (i = 0; i < N ; i++)

scanf("%d", &a[i]);

for (i = 0; i < N-1; i++)

{

for (j = i+1; j < N; j++)

{

if (a[i] > a[j])

{

temp = a[i];

a[i] = a[j];

a[j] = temp;

}

}

}

printf("The integers in ascending order are:\n");

for (i = 0; i < N; i++)

printf("%d \t", a[i]);

printf("\n");

return 0;

}

## Output

Sample Output

# Assignment 3

1. Find a root of the following equation correct to 5D by bisection method

where and is the last digit of your university roll number.

## Program

Sample Program

## Output

Sample Output