

Quiz #01 – OOP – BSDSF22

13 June 2023

15-20 minutes

Name: _____ Roll No: _____

Honor Code: By signing below, I am declaring under oath that
I will solve the quiz by myself solely and will not
take any help from neighboring fellows.

Signature

Consider the three 3D vectors named \mathbf{t} , \mathbf{b} , and \mathbf{m} . Write a program to compute sum of \mathbf{t} and \mathbf{b} , and also scalar triple product them. Note that a 3D vector is a triple of its x , y , and z components and

Sum of \mathbf{t} and \mathbf{b} : $t_x+b_x, t_y+b_y, t_z+b_z$

Scalar triple product is the determinant of the x , y , and z components of them.

Write code to print two largest numbers from three numbers being entered by user.

Write a function to return the sum of the reciprocals of 1st n natural numbers.