Quiz #01 – OOP – BSDSF23

27 Feb 2024   15-20 minutes

Name: _____ **Roll No**: _____

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

Considering a class Vector4d similar to Vector class as discussed in the class sessions, write definition/code for its following member functions ~~(not magic functions) for first three and appropriate magic functions for next two~~:

Return the magnitude of a Vector4d object.

Return True/False for a Vector4d object a unit vector?

Return dot product of two Vector4d objects.

Return difference of a Vector4d object from another Vector4d object.

Return additive inverse of a Vector4d object.