**GIT HUB LINK :** [**https://github.com/KavishikaSCU/Gimhani\_PAF\_Assigment\_2.git**](https://github.com/KavishikaSCU/Gimhani_PAF_Assigment_2.git)

**For function 03 (Pseudo code no 1)**

1.FUNCTION printStudentsBelowThreshold(students):

1.1.SET studentsBelowThreshold = EmptyStudentList()

1.2.FOR EACH student IN students:

1.2.1.IF student.GetTotalMarks() < threshold THEN

1.2.1.1.studentsBelowThreshold.Add(student)

1.2.2.END IF

1.3.END FOR

1.4.CALL printStudents(studentsBelowThreshold)

END FUNCTION

**For function 04 (Pseudo code no 2)**

2.FUNCTION SortStudents(students):

2.1.SET swapped = FALSE

2.2.DO:

2.2.1.SET swapped = FALSE

2.2.2.FOR i = 1 TO LENGTH(students) - 1:

2.2.2.1.SET prevStudent = students[i - 1]

2.2.2.2.SET student = students[i]

2.2.2.3.IF prevStudent.GetTotalMarks() < student.GetTotalMarks() THEN

2.2.2.3.1.SET students[i - 1] = student

2.2.2.3.2.SET students[i] = prevStudent

2.2.2.3.3.SET swapped = TRUE

2.2.2.4.END IF

2.2.3.END FOR

2.3.WHILE swapped

2.4.RETURN students

END FUNCTION