

**FAST NATIONAL UNIVERSITY OF COMPUTER AND EMERGING
SCIENCES, PESHAWAR
DEPARTMENT OF COMPUTER SCIENCE
OBJECT ORIENTED PROGRAMMING LANGUAGE**

Lab Task # 08

Q No.1: Define a class student with the following specification. Note for user understanding purposes you should write comment with each line of code.

Private members of class student

admno	integer
sname	20 character
eng, math, science	float
total	float
ctotal()	a function to calculate eng + math + science with float return type.

Public member function of class student

Takedata()	Function to accept values for admno, sname, eng, science and invoke ctotal() to calculate total.
Showdata()	Function to display all the data members on the screen.

Q No.2: Define a class batsman with the following specifications: Note for user understanding purposes you should write comment with each line of code.

Private members:

bcode	4 digits code number
bname	20 characters
innings, notout, runs	integer type
batavg	it is calculated according to the formula – $\text{batavg} = \text{runs} / (\text{innings} - \text{notout})$
calcavg()	Function to compute batavg

Public members:

readdata()	Function to accept value from bcode, name, innings, notout and invoke the function calcavg()
displaydata()	Function to display the data members on the screen.