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| ASSIGNMENT | : | Lab Assignment | SHEET | : | 1 |
| COURSE TITLE | : | Python | TYPE | : | Pr |
| MODULE | : | Python | | | |
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| 1  2  3 | Define a class student with the following specification  **members** of class student admno                        integer sname                        20 character eng, math, science       List total                              **member** function of class student Takedata()                   Function to accept values for admno, sname, eng,math,science    ctotal()                        a function to calculate eng + math + science  Showdata()                   Function to display all the data members on the screen.  Define a class batsman with the following specifications: **members:** bcode                            4 digits code number bname                           20 characters innings, notout, runs     integer type  **members:** readdata()                      Function toaccept value from bcode, name, runs innings, notout and    calcavg()                        it is calculated according to the formula = batavg =runs/(innings-notout)  displaydata()                 Function to display the Data  Define a class BOOK with the following specifications : **members** of the class BOOK are BOOK NO                integer type BOOKTITLE             20 characters PRICE                     float (price per copy)screen. You should give function definitions.  **members** of the class BOOK are INPUT()                   function to read BOOK\_NO. BOOKTITLE, PRICE PURCHASE()            function to ask the user to input the number of copies to be purchased. It invokes  TOTAL\_COST() and prints the total cost to be paid by the user.  TOTAL\_COST()        A function to calculate the total cost for N number of copies where N is passed to the                               function as argument.  Note : You are also required to give detailed function definitions.   |  | | --- | |  | |  |