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| **Bangladesh University of Business & Technology (BUBT)** |
| **Department of Computer Science and Engineering** |
| **Assignment - 02: Spring 2023** |
| **Course Code: CSE 122** │**Course Title: Object Oriented Programming Language Lab** |
| **Intake: 50th, Program: B.Sc in CSE (Bi-Semester)** |
| **Marks – 10** |

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| **CO** | **Question** |  |
| **CO2** | Imagine a publishing company that markets both book and audiocassette versions of its works. Create a class publication that stores the title (a string) and price (type float) of a publication. From this class derive two classes: book, which adds a page count (type int), and tape, which adds a playing time in minutes (type float). Each of these three classes should have a getData() function to get its data from the user at the keyboard, and a putData() function to display its data.  Write a main program to test the book and tape classes by creating instances of them, asking the user to fill in data with getData(), and then displaying the data with putData(). |  |