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| animatedLOGO | **Assignment No. 02 Semester: Spring 2021**  **CS304- Object Oriented Programming** | | **Total Marks: 20**  **Due Date:** |
| **Uploading instructions:**   * Your assignment should be in .CPP format (Any other formats like scan images, PDF, zip, doc, rar and bmp etc. will not be accepted). * Save your assignment with your ID (e.g. bc000000000.CPP). * No assignment will be accepted through email.   **Rules for Marking:**  It should be clear that your assignment will not get any credit if:   * The assignment is submitted after due date. * The submitted assignment does not open, execute or file is corrupted. * Your assignment is copied from internet, handouts or from any other student.   (Strict disciplinary action will be taken in this case).  **Lectures Covered:**  This assignment covers Lecture # **7-15.** | | | |
| **Assignment** | |  | |
| You are hired as an Application developer for a company called XYZ to facilitate the Human resource Management Department (HRM) to keep employee record. You are requested to write a program for HRM department to keep record of maximum 10 employees. Following is a menu and step by step guidance.  Menu:  Welcome to Human Resource Management (HRM) Software of Company XYZ. To do specific task please choose one of the following commands.  1. Add new employee  2. Delete employee information  3. Update employee information  4. Quit  Please enter the related number of your requested command?  Consider the following part of Person class which is containing some data members in it.  **Class Person should include following private fields:**   * FirstName (String) * LastName (String) * PersonalID (Integer) * Salary (Double)   **Class Person should have public member functions for setting and getting the private fields. Member functions should have the following naming style:**   * set\_FieldName() * get\_FieldName()     The field “**PersonalID**” of class Person should be unique and auto-increment with the initial value of **8248001** for the first employee. It means that user should not enter the value for “personalID”.  **Class HRM should include following private fields:**   * Array of employees with the type Person (Private) * The actual number of employees which is stored in Array of employees(private)   **Class HRM should include following public member functions:**   * AddPerson() * DeletePerson(…) * UpdatePerson(…)   Your output should be same as sample output.  **Sample Output:**          **Best of luck!**  **NOTE:** Do not put any query on MDB about this assignment, if you have any query then email at [cs304@vu.edu.pk](mailto:cs304@vu.edu.pk). Furthermore, if any student’s assignment is found matched with any other student or from online forums then he/she will be awarded **ZERO** right away and strict disciplinary action will be taken against the student. | | | |
| **Deadline:** Your assignment must be uploaded/submitted within due date: | | | |