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| **Lab Exercise 4 – September 2021** | | | | | | | |  | |
| Programme | | : | BTech | Semester | : | FS 2021-22 | | | |
| Course Title | | : | Foundations of Data Analytics | Code | : | 3505 | | | |
| Class Nbr(s) | : | CH2020211001158 | | | |
| Faculty(s) | | : | Dr. B. Radhika Selvamani | Slot |  | L33+L34 | | | |
| Date | | : | 16/8/2021 |  |  |  | | | |
| **Date and Time in R**  **Question A** | | | | | | | | |  |
| **Q.No.** | **Question Description** | | | | | | **Marks** | | | |  |
|  | The students attendance sheet as registered in Microsoft teams is provided as an excel sheet. Read the data and store it in a dataframe. Please note that the dates and time in the data need to be stored in the inbuilt Posixct format. Display the dataframe. Identify how many students attended the class. Assume the class duration is 90 minutes. | | | | | |  | | | |  |
| 2. | Create two tables where one has the student intime and the other has the student out time.  Find the student who came first to the class  Find the student who came last. | | | | | |  | | | |  |
| 3. | Calculate the duration of each student attending the class. Here you need to consider the case where a student may be disconnected in between. | | | | | |  | | | |  |
| 4. | Find the student who attended the maximum duration | | | | | |  | | | |  |
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