**Assignment N0. 01**

**Submission Due Date:**

**Marks 05**

**Instructions (Any):** Submit soft copy on LMS

**Question#1 CLO2, PLO3, BTL3**

You are supposed to apply your basic programming concepts for logic construction of the student information system for a school admin staff. This system will help the school to shortlist students according to their age. Your system is able to store student’s info such as his/her name, father name and year of birth. Your solution must have following functionalities

* Take students information as input store name, father name in two different string arrays and store age(after calculating age) in integer type array
* Display information
* Students under 16 years are eligible to take admission.
* After completing the process of taking information you must ask user/admin if he/she wants to continue with another data or want to end the program. User is able to enter the data of 10 students at maximum.
* After taking input for 10 different students your system should display the eligibility of students in preprimary, primary and secondary sections

|  |  |  |
| --- | --- | --- |
| Age >= 2 and <= 5 years | Age >5 and < =13 years | Age>13 and <16 years |
| Eligible for preprimary section | Eligible for primary section | Eligible for secondary section |

Note: Develop your solution by implementing separate methods for each task such as

* Take input (not more than 10 students) and Calculate age before storing it.
* Display data
* Check eligibility