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| **Unit – 2&3** | | |
| **Day – 11** | | |
| **Lec #** | **Topics to be covered :** | **Assignments :** |
| 1 | Multi dimensional array, Array of Strings | **Essential Assignment**   1. Create two arrays named as matrix1 and matrix2 of 3X 3 size each. Initialize each element to 0 to 10 value. Print the content of both the arrays. 2. Perform the matrix addition of the above two matrixes (mentioned in Program No:1 ) and store the answer in the third 3X3 matrix named as matrix3. 3. Perform the matrix subtraction of the above two matrixes (mentioned in Program No:1 ) and store the answer in the third 3X3 matrix named as matrix3. 4. Perform the matrix multiplication of the above two matrixes (mentioned in Program No:1 ) and store the answer in the third 3X3 matrix named as matrix3. 5. Take the 6 students name from the user. Take the one more student name which is supposed to be searched. If it founds, print the message “Student Found” otherwise print the message “Student Does Not Found”.     **Desirable Assignment**   1. Perform the inverse matrix of the matrix1 (mentioned in Program No:1 of Essential Assignment), Print the resultant matrix along with the matrix1. |
| 2 | Concept of function  Why are Functions Needed? |