## Term Work-1

Problem Offinition:

Write a C program to merge contents of a file containing USN's of students in a sarted oxeder in to the 3rd file such that 3rd file contains Unique USN's. Brogram should also display common USN's in both files.

Aim:
The purpose of this TW is to learn the concept of File handling in C. Basic operations asing files k implementation of this concept in solving purblems
Theory.
In software industry, most of the programs are written to stare info, fetched from programs. One such way is to stare fetched info in a file. Different operation that can be performed on a file are:
Treation of a new file (Jopen with altributes)  The opening an existing file (Jopen)  Reading Journ file (Josen) or Jacks)  Writing to a file (Jorenty)  Closing a file (Jobse)
closing a file (flose)

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Program!
#tinclude <stdio.h>
# include < string.h>
prints ("In File I cannot be found");

if ($2 == NULL)

prints ("In File 2 cannot be found");

$3 = fopen ("usnfile 3 - tut", "w");

int manthon = 15;
   char us1 [manchar], usn2 [manchar];
  Sgets (usn1, monchar, f1);

Sgets (usn2, manchar, f2);

while (! feof (f1) le ! feof (f2)) {

if (' strictup (usn1, usn2)) < 0) {

Sprintf (f3, "In 1/s \n", usn2);

3
            else {
                   sprints ( 13, " \n 1/.s" \n "usn 2);
           Sprint (f3, "In:/s In", usn1);
       Sgets (usn1, manchar, f1);
Sgets (usn2, manchar, f2);
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else {
return O;
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\* Dato Structures Hoxowitz Sahri 5 Anderson - Treat Universe PHRSS Fundamentals 2rd Elition

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Conclusion

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