Rollino al Marks ( as ) as

Student. Take input in Structure & display in tabular form.

#include < Stdio. h> int main ()

Struct Students

Lah 9

int 2011 NO; char name [50] float marks; int main ()

int on; prinf (" Enter number of students: "); sconf ("7.d" &n);

Struct Student S[n]; for (i=0; i < n; i++) printf ("In Enter details of Student ".d: \n"i+1)

Prints ("ROII.NO: ");

Sconf ("1.d, LS[i]. 2011 NO);

pointf ("Name: ");

Sconf ("1.d [^\n]", S[i]. name);

printf ("Marks: ");

Page No. EXPERIMENT: printf ("1-10d 11-2051.-10.2fln", S[i]. rollNO, S[i] name, S[i]. marks); 2 retern 0;

Sundaram

Teacher's Sign.:

Enter details for Student 1: ROII Number: 107 (44):

Enter details By Student: 2: mool Roll Number: 96 Name: Shyam Marks: 85

Enter details for Student 3: Roll Number: 101 Name: yash Marks: 96

Student Sosted by Roll. No

ROII NO	Nome	Marks
96	Shyam	85
101	Yash	96
107	Raj	65.5

Student not found. Search: 100

Q2 With a program to sort Structure according to Roll No. in ascending order & Start an search an entry from ROII.NO. # include < Stdio. h> # include < String. b> Struct Student int 2011-no; char name [50]; float marks; void soxt by Roll No (Struct student s[], int n) Struct Student temp; for (int i=0; i<n; i++) fox (int; = i+1; j<n; j++) if (s[i]. 91011-no > S[i]. 2011-no) temp = S[i] S[i]= S[i] S[j] = temp ;

Sundaram

Teacher's Sign. :

int Search - roll;

printf ("/n Enter roll number to Search: ");

Scanf ("1.d", & Search - roll);

SearchBy Roll NO (S, n, Search - roll);

Letwon 0;

Sundaram

Teacher's Sign. : \_

Enter your name: Parion Vasa

Data written to file successfully

Reading data from file: Name: Paran Vasa Lab 10

B) Write a program to demonstrate the operation of open, write, read & close file

# include < Stdio. h> # include < Stdlib. h>

int main ()

File \* fp; Char name [50]:

int age;

fp=fopen ("Student·txt","w");
if (fp = = null)

point ("Error opening file for writing! \n');
exit (1);

printf ("Enter your name:"); Sconf (" ". ["\n]", name); printf ("Enter your age: "); Sconf (" ".d", & age);

fprintf (fp," 1/s \n 1/d \n", name, age);
fclose (fp);
printf ("\n Data written to file successfully.\n");

fp=fopen ("Student. +xt", ">");

Sundaran

Teacher's Sign ·

EXPERIMENT: No.

Page No.

if (fp = = null)

pointf("Error opening file for reading! In"); exit (1);

printf("In reading data from file: In");
from (fp," y. [^\n]", name);
from (fp," y. d", & age);
printf ("Name: y.s \n", name);
printf ("Age: y.d \n", age);

fclose (fp);

Enter Source file name: Original. txt
Enter destination file name: copy. txt

File coppied Successfully:

Q2 write a program to copy the content of one file to another file using file handling in c

# include < Stdio.h>
# include < Stdlib.b>

int main ()

File \* Source File, \* dest File; Char Source File name [100], dest File name [100]; Char Ch;

printf ("Enter the Source file name: "); Sconf ("% S", SourceFile name); printf ("Enter the destination file name: "); Sconf ("% S", dest File name);

Source File = Popen (SourceFilename, "~"); if (SourceFile = = Null)

printf ("Error: cannot open source file. In"); exit(1);

destfile = fopen (dest file name, "w"); if (destfile = = Null)

printf(" Error: cannot open destination file \n");
fclose (source file);
exit(1);

Sundaran

Teacher's Sign. :

**EXPERIMENT:** return o;

Sundaram

Teacher's Sign.:

Q3 Write a program in c to read data from text file, perform addition of the data & write the result to another file.

#include < Stdio. h> # include < Stalib. h>

retwen 1;

int main () File \* input file, \* output file; chas inputfile name [100], output filename [100]; int number, Sum =0;

printf ("Enter input fix name:"); Sconf (" 7.5", inputfilename); printf ("Enter Output file name:"); sconf ("7.5", outputfile name); inputfile = fopen (inputfile name, ">"); if (inputfile = = Null)

printf ("Foros: could not open input file \n"). 'fclose (inputfile);

While (Fsconf Cinputfile, "1.d", & number)==1)

Sum += number; Posintf (output File, "Sum of numbers = 1/d \n", sum)
posintf ("Sum calculated & written to" "S'/n")

EXPERIMENT: outputfilename); fclose (inputfile); fclose (outputfile); return 0;

Sundaram

Teacher's Sign.: