Bangladesh Army University of Engineering & Technology

(BAUET)

(Qadirabad Cantonment, Natore-6431)



Department of COMPUTER SCIENCE AND ENGINEERING (CSE)

Final Lab Report

Course Code: CSE-1214

Course Title: Structured Programming Sessional

Submission Date: 18-10-23

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Batch: 16th

Department: CSE

Section: A(2) Semester: 2nd Session: 22-23 Bristi Rani Roy

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```
#include<stdio.h>
int main()
    FILE *f;
    f=fopen("openfile.txt", "w");
    if(f == NULL) printf("file doesn't exist");
    else {
    fprintf(f, "Structurd Programming");
    fclose(f);
    return 0;
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```

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```
#include <stdio.h>
 □int main() {
       FILE *f1, *f2;
       char ch;
       f1 = fopen("openfile.txt", "r");
       if (f1 == NULL) {
           return 1;
       f2 = fopen("copiedfile.txt", "w");
       if (f2 == NULL) {
           fclose(f1);
           return 1;
       while ((ch = fgetc(f1)) != EOF) {
           fputc(ch, f2);
       fclose(f1);
       fclose(f2);
       return 0;
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```

```
#include <stdio.h>
  □int main() {
       FILE *file;
       file = fopen( FILE , "r");
 中
       if (file == NULL) {
           return 1;
       char ch;
       while ((ch = fgetc(file)) != EOF) {
  putchar (ch);
       fclose(file);
       return 0;
                                                            X
                                                       ©\ "C:\Users\ASUS\Desktop\FILE ×
    #include <stdio.h>
    int main() {
        FILE *file;
        file = fopen(__FILE__, "r");
        if (file == NULL) {
            return 1;
        char ch;
        while ((ch = fgetc(file)) != EOF) {
             putchar(ch);
        fclose(file);
        return 0;
e::Bloc
    Process returned 0 (0x0) execution time : 0.047 s
    Press any key to continue.
```

```
#include <stdio.h>
 2
    □int main() {
 3
          FILE *file;
 4
          file = fopen("writestring.txt", "w");
 5
          if (file == NULL) {
 6
              return 1;
 7
          const char *text = "BAUET";
 8
 9
          fputs(text, file);
          fclose(file);
10
11
          return 0;
12
13
                                               Χ
       write: X
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                        Windows (CRLF)
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```

```
1
          #include<stdio.h>
          int main()
     2
     3
        ₽{
     4
              FILE *f;
     5
              char ch[100], chl[100];
     6
              f=fopen("openfile.txt", "r");
     7
              if(f==NULL) {
     8
                   printf("file doesn't exist");
     9
    10
              else
    11
                   fscanf(f, "%s %s", &ch, &chl);
    12
                   printf("%s %s\n",ch,chl);
    13
                   fclose(f);
    14
              }
    15
    16
    17
                                                                   X
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           Structurd Programming
          Process returned 0 (0x0) execution time : 0.032
          Press any key to continue.
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```

```
#include <stdio.h>
      1
      2
           #include <stdlib.h>
      3
         □int main() {
      4
             FILE *fp1, *fp2, *fp3;
             fp1 = fopen("openfile.txt", "r");
      5
             fp2 = fopen("writestring.txt", "r");
      6
             fp3 = fopen("cncat_file.txt", "w");
      7
      8
             if (fp1 == NULL || fp2 == NULL || fp3 == NULL) {
      9
               exit(EXIT FAILURE);
    10
    11
             char c;
            while ((c = fgetc(fp1)) != EOF) {
    12
    13
               fputc(c, fp3);
    14
            while ((c = fgetc( fp2)) != EOF) {
    15
    16
               fputc(c, fp3);
    17
    18
             fclose(fp1);
    19
             fclose(fp2);
    20
             fclose(fp3);
    21
             return 0;
    22
    23
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                     cncat<sub>,</sub> X
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          Structurd ProgrammingBAUET
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```

```
#include<stdio.h>
      2
            int main()
      3
          □ {
      4
               int n;
      5
               scanf("%d", &n);
      6
               FILE *f;
      7
               char name[n][100];
      8
               float marks[n];
               f=fopen("studrntdata.txt", "w");
      9
               if(f==NULL) {
     10
     11
                return 1;
     12
     13
               else {
     14
                fprintf(f, "Name\t");
     15
                fprintf(f, "Marks\n");
     16
                for(int i=0;i<n;i++) {</pre>
                     scanf("%s %f", &name[i], &marks[i]);
     17
     18
                     fprintf(f, "%s\t%.2f\n", name[i], marks[i]),
     19
     20
              return 0;
     21
     22
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     23
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```

```
#include<stdio.h>
      1
      2
           int main()
      3
         ₽{
      4
               int n;
      5
              scanf("%d", &n);
      6
               FILE *f;
      7
              char name[n][100];
      8
              float marks[n];
      9
               int id;
              f=fopen("studrntdata.txt", "w");
     10
     11
              if(f==NULL) {
     12
                return 1;
     13
     14
              else {
     15
                fprintf(f,"ID\t");
                fprintf(f, "Name\t");
     16
                fprintf(f, "Marks\n");
     17
     18
                for(int i=0;i<n;i++) {</pre>
                    scanf("%d %s %f", &id, &name[i], &marks[i]);
     19
     20
                    fprintf(f, "%d\t%s\t%.2f\n", id, name[i], marks[i]);
     21
     22
                                                                        Χ
     23
             return 0;
                            ◆ ata studrı X
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     25
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                                                                   UTF-8
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```