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

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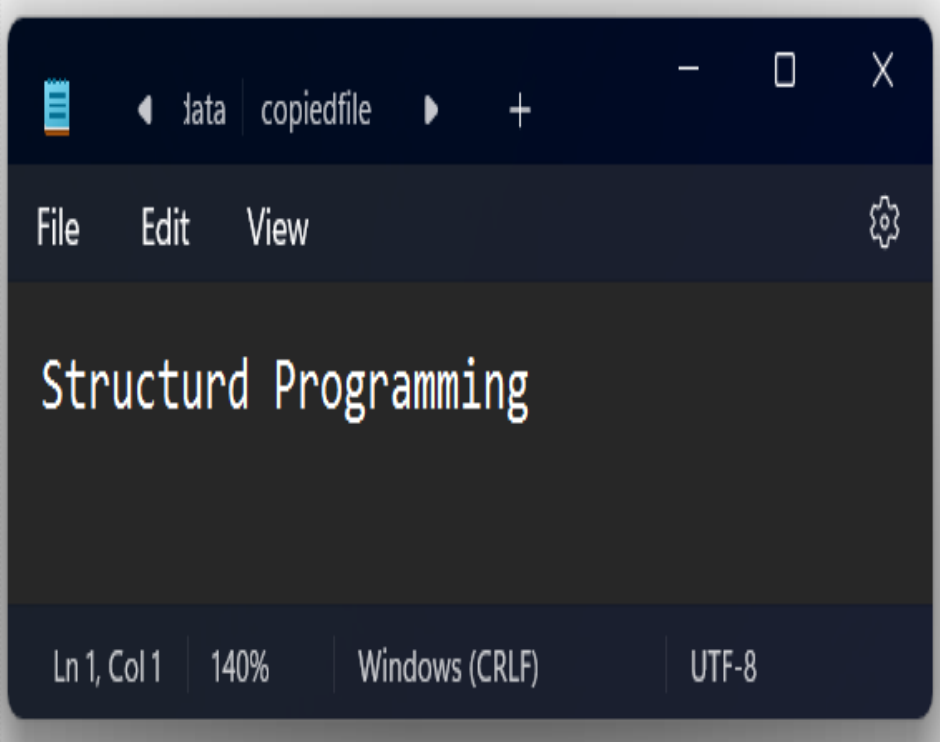
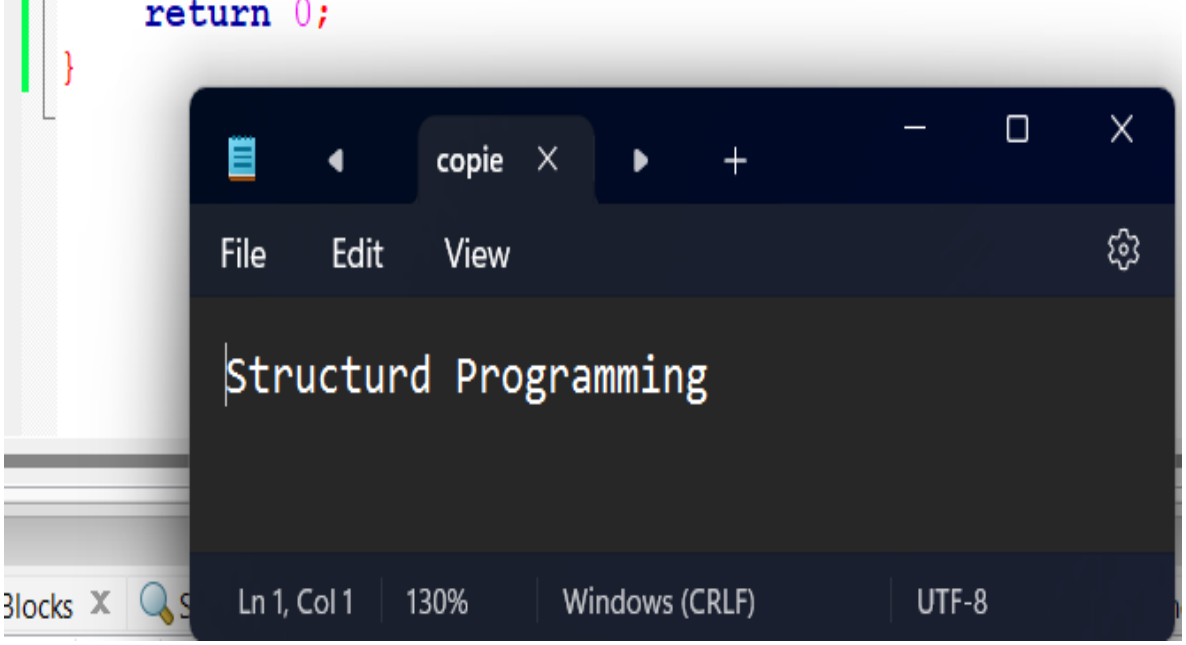
```c
#include<stdio.h>
int main()
{
    FILE *f;
    f=fopen("openfile.txt","w");
    if(f == NULL) printf("file doesn't exist");
    else {
    fprintf(f,"Structurd Programming");
    fclose(f);
    }
    return 0;
}
```



```c
#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;
}
```



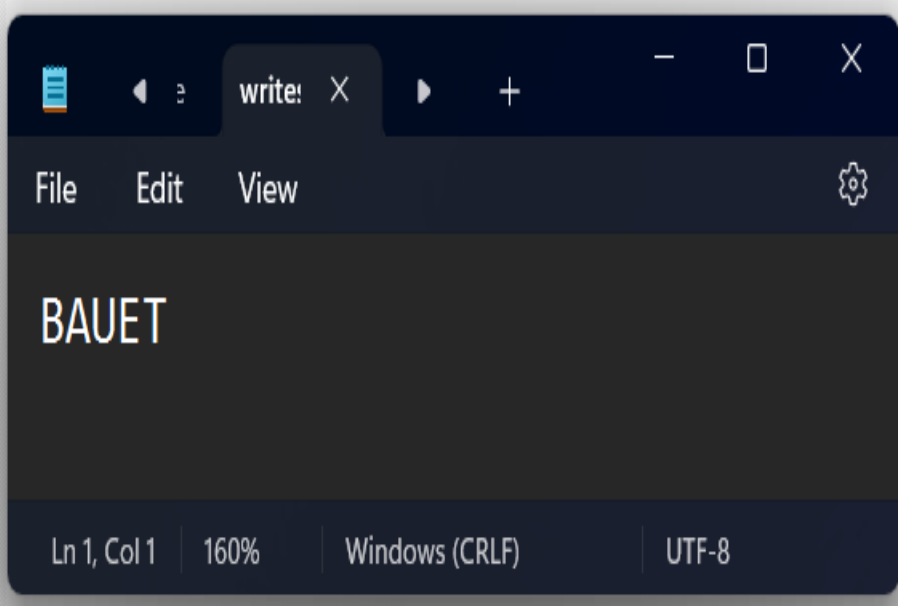
```c
#include <stdio.h>
int main() {
    FILE *file;
    file = fopen(__FILE__, "r");
    if (file == NULL) {
        return 1;
    }
    char ch;
    while ((ch = fgetc(file)) != EOF) {
        putchar(ch);
    }
    fclose(file);
    return 0;
}
```

"C:\Users\ASUS\Desktop\FILE

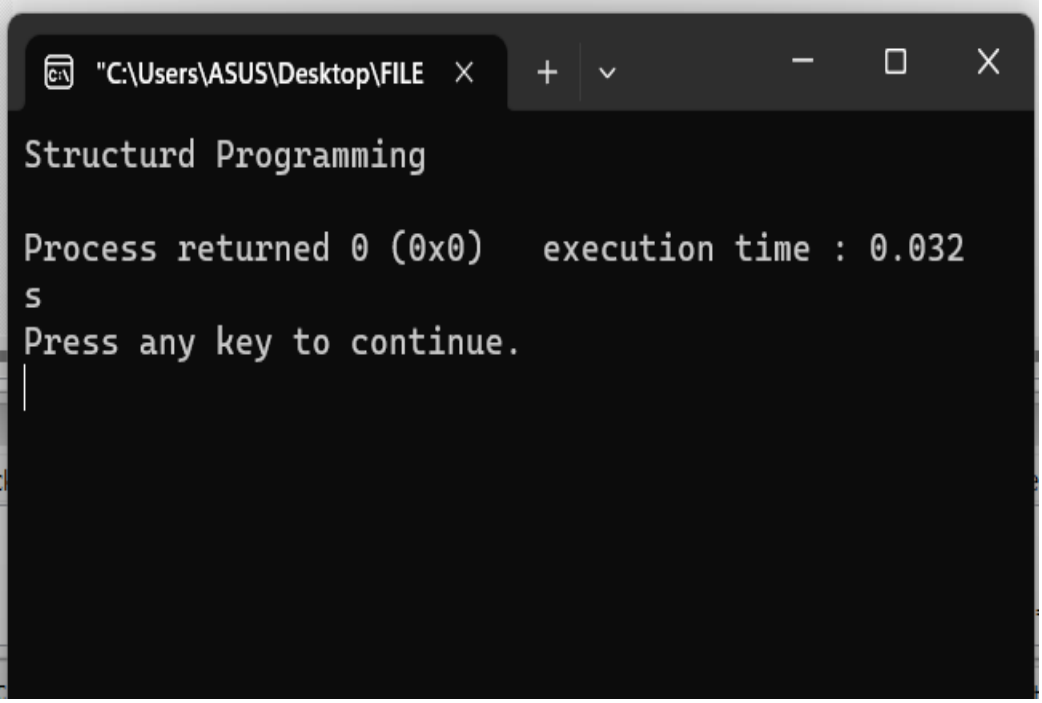
```c
#include <stdio.h>
int main() {
    FILE *file;
    file = fopen(__FILE__, "r");
    if (file == NULL) {
        return 1;
    }
    char ch;
    while ((ch = fgetc(file)) != EOF) {
        putchar(ch);
    }
    fclose(file);
    return 0;
}

Process returned 0 (0x0)   execution time : 0.047 s
Press any key to continue.
```

```c
#include <stdio.h>
int main() {
    FILE *file;
    file = fopen("writestring.txt", "w");
    if (file == NULL) {
        return 1;
    }
    const char *text = "BAUET";
    fputs(text, file);
    fclose(file);
    return 0;
}
```

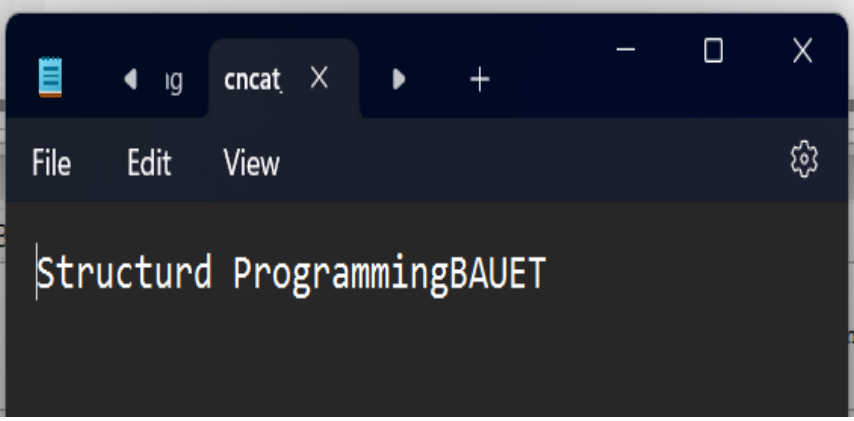


```c
#include<stdio.h>
int main()
{
    FILE *f;
    char ch[100],chl[100];
    f=fopen("openfile.txt","r");
    if(f==NULL){
        printf("file doesn't exist");
    }
    else
    {
        fscanf(f,"%s %s",&ch,&chl);
        printf("%s %s\n",ch,chl);
        fclose(f);
    }
}
```



```c
#include <stdio.h>
#include <stdlib.h>
int main() {
  FILE *fp1, *fp2, *fp3;
  fp1 = fopen("openfile.txt", "r");
  fp2 = fopen("writestring.txt", "r");
  fp3 = fopen("cncat_file.txt", "w");
  if (fp1 == NULL || fp2 == NULL || fp3 == NULL) {
    exit(EXIT_FAILURE);
  }
  char c;
  while ((c = fgetc(fp1)) != EOF) {
    fputc(c, fp3);
  }
  while ((c = fgetc( fp2)) != EOF) {
    fputc(c, fp3);
  }
  fclose(fp1);
  fclose(fp2);
  fclose(fp3);
  return 0;
}

```



```c
#include<stdio.h>
int main()
{
    int n;
    scanf("%d",&n);
    FILE *f;
    char name[n][100];
    float marks[n];
    f=fopen("studrntdata.txt","w");
    if(f==NULL){
     return 1;
    }
    else {
     fprintf(f,"Name\t");
     fprintf(f,"Marks\n");
     for(int i=0;i<n;i++){
         scanf("%s %f",&name[i],&marks[i]);
         fprintf(f,"%s\t%.2f\n",name[i],marks[i]);
     }
    }
   return 0;
}
```

studr

File Edit View

Name	Marks
xx	14.00
yy	15.00
zz	13.00

Ln 1, Col 1 | 100% | Windows (CRLF) | UTF-8

Logs & others

Code::Blocks

File

```c
#include<stdio.h>
int main()
{
    int n;
    scanf("%d",&n);
    FILE *f;
    char name[n][100];
    float marks[n];
    int id;
    f=fopen("studrntdata.txt","w");
    if(f==NULL){
     return 1;
    }
    else {
     fprintf(f,"ID\t");
     fprintf(f,"Name\t");
     fprintf(f,"Marks\n");
     for(int i=0;i<n;i++){
         scanf("%d %s %f",&id,&name[i],&marks[i]);
         fprintf(f,"%d\t%s\t%.2f\n",id,name[i],marks[i]);
     }
    }
  return 0;
}
```