

Assignment 9

→ Aim :

File handling system calls : Implement an assignment using File Handling System Calls.

→ Objective :

- Write a C program to update the details of employee using C low level library functions for file handling.

→ Theory :

C File Operations:

1. Creating a new file
2. Opening an existing file
3. Reading Data from the file .
4. Writing Data in a file .
5. Closing the file .

Ex. Copy a file .

```
#include <stdio.h>
#include <stdlib.h>
```

```
int main () {
    char ch, sourcefile[25], targetfile[25];
```

```
FILE *source, *target;  
printf ("Enter name of files ");  
gets (source_file);  
gets (target_file);  
  
source = fopen (source_file, "r");  
target = fopen (target_file, "w");  
while (!EOF (source)) {  
    ch = fgetc (source);  
    fputc (ch, target);  
}  
printf ("Copied Successfully");  
return 0;
```

→ Conclusion:

Topics Covered:

1. File Operations.
2. Low-level System Calls.
3. Different File Handling Techniques.