

## 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, source_file[25], target_file[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;  
}
```

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→ Conclusion:

Topics Covered:

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