

2. Identify the system calls to copy the content of one file to another and illustrate the same using a C program.

Program:

```
1 #include<unistd.h>
2 #include<stdio.h>
3 #include<sys/types.h>
4 #include<fcntl.h>
5 #include<stdlib.h>
6 #include<string.h>
7 int main(int argc, char *ar[])
8 {
9     char *source=ar[1];
10    char *dest="def.txt";
11    char *buf=(char *)malloc(sizeof(char)*120);
12    int fd1,fd2;
13    fd1=open(source,O_CREAT,0744);
14    fd2=open(dest,O_CREAT,0744);
15    while(read(fd1,buf,120)!=-1)
16    {
17        printf("%s",buf);
18        write(fd2,buf,120);
19    }
20    printf("Process Done");
21    close(fd1);
22    close(fd2);
23 }
```

output:

```
C:\Users\kalya\OneDrive\Desktop\copy.exe
Process Done
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Process exited after 0.06253 seconds with return value 0
Press any key to continue . . .
```