**2.** **Identify the system calls to copy the content of one file toanother and illustrate the same using a C program.**
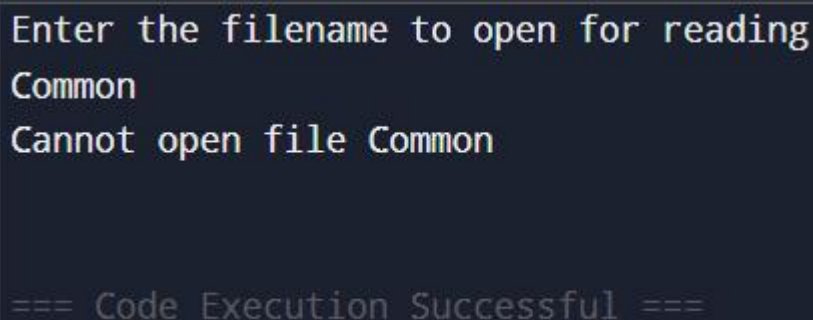**Program:**

```c
#include <stdio.h>
#include <stdlib.h>
int main()
{
FILE *fptr1, *fptr2; char
filename[100], c;
printf("Enter the filename to open for reading \n");
scanf("%s", filename);
fptr1 = fopen(filename, "r");if
(fptr1 == NULL)
{
printf("Cannot open file %s \n", filename);
exit(0);
}printf("Enter the filename to open for writing \n");
scanf("%s", filename);
fptr2 = fopen(filename, "w");if
(fptr2 == NULL)
{
printf("Cannot open file %s \n", filename);
exit(0);
}
c = fgetc(fptr1);
while (c != EOF)
{
fputc(c, fptr2); c
= fgetc(fptr1);
}
printf("\nContents copied to %s", filename);
fclose(fptr1);
fclose(fptr2);
return 0;
}
```

**Output:**

```
Enter the filename to open for reading
Common
Cannot open file Common



=== Code Execution Successful ===
```