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

PROGRAM :

```
#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 :