

Theory: We can easily perform operations on files in c using inbuilt functions like fopen, fclose, fgets etc.

Code:

```
//Reading from a console.
```

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

```
void read();
```

```
void write();
```

```
FILE *fp;
```

```
char location[100] = "D://data.txt", ch;
```

```
char text[100] = "Input output in file in c\n";
```

```
int main()
```

```
{
```

```
    write();
```

```
    read();
```

```
}
```

```
void read()
```

```
{
```

```
    //open the file. If doesn't exist it will create one.
```

```
    fp = fopen(location, "r"); //r for read mode. w for write mod
```

```
e
```

```
    //printing the file content in console
```

```
do
```

```
{
```

```
    ch = fgetc(fp);
```

```
    putchar(ch);
```

```
} while (ch != EOF);
```

```
    //closes the file
```

```

        fclose(fp);
    }

void write()
{
    //open the file. If doesn't exist it will create one.
    fp = fopen(location, "w"); //r for read mode. w for write mode

    //writing in file
    fprintf(fp, text);

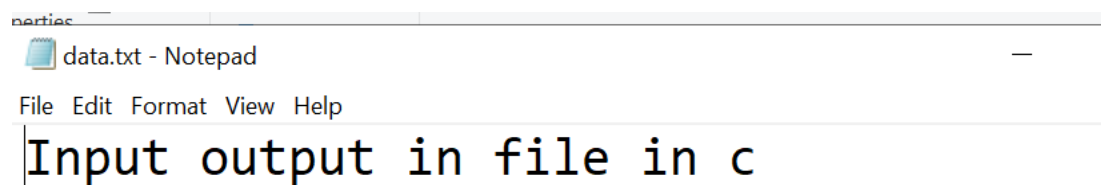
    //closes the file
    fclose(fp);
}

```

Output:

Input output in file in c

 data.txt	17-Sep-21 3:45 PM	Text Document	1 KB
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Conclusion: The inbuilt functions make it very easy to perform file operations in c.