

File Input and Output Streams from stdio.h library

```
fgets( buffer, size, stdin );
```

```
printf ( "Hello" );
```

```
FILE* fp = fopen ( "data1.txt", "w");  
fprintf ( fp, "Hello" );
```

```
fprintf ( stdout , "Hello" );
```

C standard IO streams:

- stdin - standard input stream
- stdout - standard output stream
- stderr - standard error stream

To write a message to standard error

```
fprintf ( stderr, "Hello" );
```

scanf (....) - read from standard input

fscanf (stream,) read from the specified input stream

```
FILE* fin = fopen ( "data1.txt", "r");  
fscanf ( fin, "%d", &val);
```

Other similar

putch
gets
getc