

The function ungetc () in C

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Declare the ungetc () function in C

Below is the declaration for the ungetc () function in C:

```
int ungetc ( int char , FILE * stream )
```

Parameters

char - This is a character to be pushed back.

stream - This is the pointer to a FILE object that identifies the Input Stream.

Returns the value

If successful, it returns the character that was pushed back. Otherwise, the function returns EOF and Stream remains unchanged.

For example

The following program C illustrates the usage of the ungetc () function in C:

```
#include <stdio.h>
int main () { FILE * fp ; int c ; char buffer [ 256 ] ; fp = fopen ( "bait.txt" , "r" ) ;
while ( ! feof ( fp ) ) { c = fgetc ( fp ) ; ungetc ( c , fp ) ; printf ( "%c\n" , c ) ; }
return 0 ; }
```

Suppose we have the bait.txt file that contains the following data. This file will be used as input.

Compile and run the above C program to see the results.

According to Tutorialspoint

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