

Function fseek () in C

The function `int fseek (FILE * stream, long int offset, int whence)` in Standard C library sets the Stream file location to the given offset. The offset parameter specifies the number of bytes to search from where the given location is.

The function **`int fseek (FILE * stream, long int offset, int whence)`** in Standard C library sets the Stream file location to the given **offset** . The offset parameter specifies the number of bytes to search from **where** the given location is.

Declare function fseek () in C

Below is the declaration for `fseek ()` function in C:

```
int fseek ( FILE * stream , long int offset , int whence )
```

Parameters

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

offset - This is the number of bytes to offset the word.

whence - This is the position from which the offset is added. It is determined by one of the following constants:

Hang Description
SEEK_SET File header
SEEK_CUR Current position of
SEEK_END file pointer
 File end

Returns the value

This function returns 0 if successful. If not, the function returns a value other than 0.

For example

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

```
#include int main () { FILE * fp ; fp = fopen ( "baitapc.txt" , "w+" );
```

Compiling and running the above program will create a `baitapc.txt` with the following content. At the beginning, the program created the file and recorded the lesson with high quality in QTM !!! but then we have restored the cursor written at the 4th position starting at the beginning of the file and using the command `puts ()`.

Now monitor the following contents of the above file by using the following C program:

```
#include int main () { FILE * fp ; int c ; fp = fopen ( "baitapc.txt" ,
```

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

According to Tutorialspoint

Previous lesson: Function freopen () in C

Next lesson: Function fsetpos () in C

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