

The function fgetpos () in C

The int fgetpos function (FILE * stream, fpos_t * pos) in the C Library standardizes the position of the current file of Stream and writes it to pos.

The **int fgetpos** function (**FILE * stream, fpos_t * pos**) in the C Library standardizes the position of the current file of Stream and writes it to pos.

Declare the function fgetpos () in C

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

```
int fgetpos ( FILE * stream , fpos_t * pos )
```

Parameters

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

pos - This is the pointer to an fpos_t object.

Returns the value

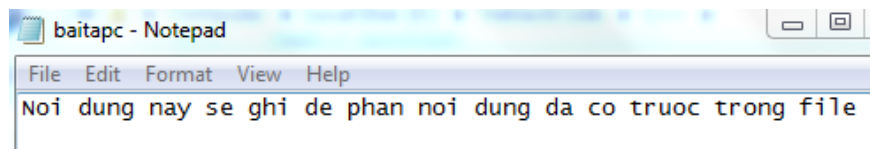
This function returns 0 if successful, and returns a value other than 0 if there is an error.

For example

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

```
#include <stdio.h>
int main () { FILE * fp ; fpos_t position ; fp = fopen ( "baitap.txt", "w" );
fgetpos ( fp, &position );
fsetpos ( fp, &position );
fputs ( "Hello, World!", fp );
fsetpos ( fp, &position );
fputs ( "Hello, World!", fp );
fclose ( fp );
return 0 ;
}
```

Compile and run the above program to create a **baitap.txt** with the following content. First we take the original location of the file using the **fgetpos ()** function and then we write Hello, World! in this file, then we use the **fsetpos ()** function to restore the cursor to the beginning of the file and then overwrite the file with the following content:



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

```
#include <stdio.h>
int main () { FILE * fp ; int c ; int n = 0 ; fp = fopen ( "I
```

Compiling and running the above C program will result:

```
Noi dung nay se ghi de phan noi dung da co truoc trong file
-----
```

According to Tutorialspoint

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