

C library function - getenv()

Description

The C library function **char *getenv(const char *name)** searches for the environment string pointed to by **name** and returns the associated value to the string.

Declaration

Following is the declaration for getenv() function.

```
char *getenv(const char *name)
```

Parameters

- **name** – This is the C string containing the name of the requested variable.

Return Value

This function returns a null-terminated string with the value of the requested environment variable, or NULL if that environment variable does not exist.

Example

The following example shows the usage of getenv() function.

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

int main () {
    printf("PATH : %s\n", getenv("PATH"));
    printf("HOME : %s\n", getenv("HOME"));
    printf("ROOT : %s\n", getenv("ROOT"));

    return(0);
}
```

[Live Demo](#)

Let us compile and run the above program that will produce the following result –

```
PATH : /sbin:/usr/sbin:/bin:/usr/bin:/usr/local/bin
HOME : /
ROOT : (null)
```