

# Memset () function in C

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## Declare memset () in C

Below is the declaration for `memset ()` in C:

```
void * memset ( void * str , int c , size_t n )
```

## Parameters

**str** - This is a pointer to memory block to fill .

**c** - This is the value to be set. The value is passed as an int, but the memory fill function uses the unsigned char conversion of this value.

**n** - This is the number of bytes to be set to the value.

## Returns the value

This function returns a pointer to memory `str`.

## For example

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

```
#include <string.h>
int main () { char str [ 50 ]; strcpy ( str , "Hoc C co b
```

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

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