

Printk Function

The **printk** function is defined in the **Linux kernel** and made available to modules. It behaves similarly to the standard C library function **printf**. The kernel needs its own printing function because it runs by itself, without the help of the C library.

Printk function has **8 log levels**. These log levels are defined and are inbuilt in **kernel.h** header file. 8 log levels of printk functions are as given below:

Log_Level:	Description
KERN_EMERG	This log level is used only for emergency purposes. Example: process stops.
KERN_ALERT	To attract the attention.
KERN_ERR	To display the error.
KERN_CRIT	To tell about critical serious hardware or software problems.
KERN_WARNING	To display warning message of danger.
KERN_NOTICE	To display simple notice message.
KERN_INFO	To provide information.
KERN_DEBUG	To see log messages during debugging.