This program works to count the number of running processes when the kernel is loaded only. If the kernel is not loaded, then it will have no effect on the system. It first includes all the necessary libraries and also the header files are installed in Artix Linux manually.

The code has three functions:

1. Counter function: it initializes a “struct task\_struct \*task” and then runs a for loop to count the number of running processes.
2. Initfunc function: it prints the number of running procceses after calling the counter function.
3. Exitfunc function: it tells the user that the module has been unloaded.

In addition to this, a makefile has been created that runs the code on the Artix System. It has the required libraries and modules with it.