

Introduction to Device Driver and Module Programming

1. Write a simple module which would print “I am in init module...” when module is inserted & “I am in cleanup module...” when module is removed?
2. Explore module_param() macro and Write simple add module which takes two parameters at load time and prints the sum.
3. Explore EXPORT_SYMBOL() macro and write simple module dependency program in which avg module is dependent on add module.
4. Explore EXPORT_SYMBOL() macro and write simple module dependency program in which one module implements functionality of add, sub, mul, div and avg operations of two integers and another module calls these functionalities.
5. Write a module that prints the process id in whose context it was invoked and you may also print any other process related information.