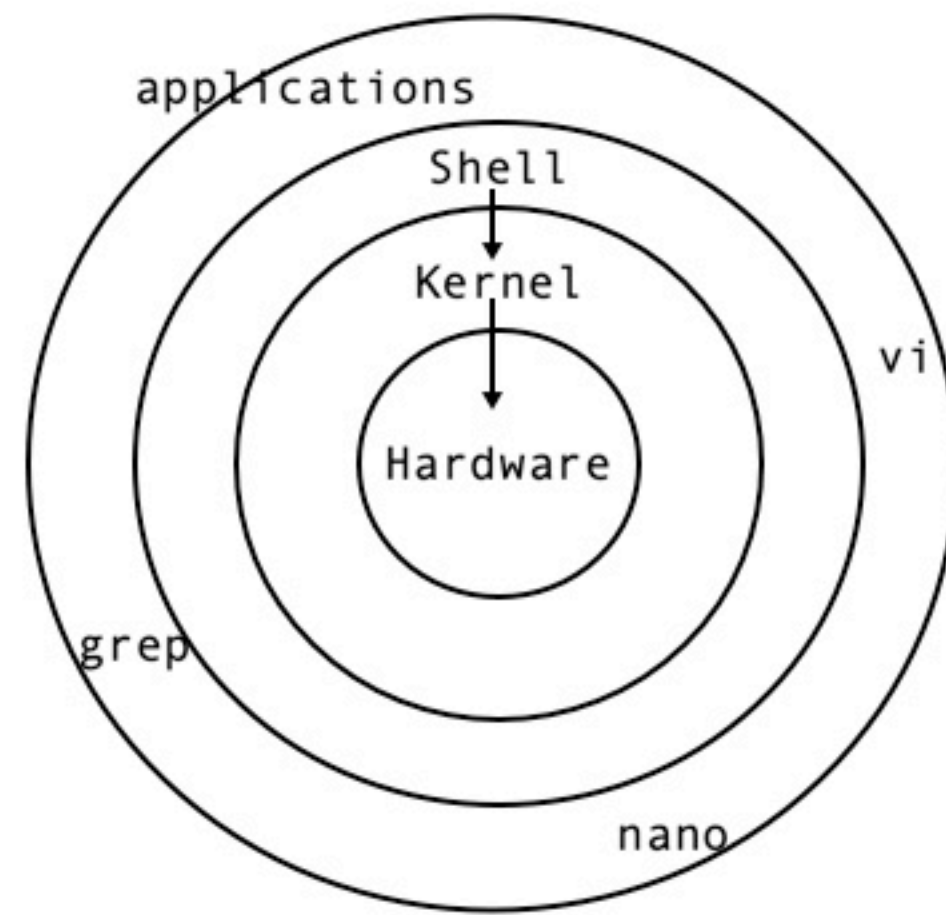


## Linux operating system Architecture



### 1. Hardware Layer

It consists of all the peripheral devices like (RAM, Processor, harddisk etc)

### 2. Kernel

It is the core component of the linux operating system, that interacts directly with the hardware of the computer. It provides low-level services to the upper components

### 3. Shell

Shell is an interpreter program, that acts as an interface to the Kernel. It hides the complexities of Kernel functions from the users. The shell takes the shell commands from the user and executes them on the Kernel by invoking kernel functions

### 4. Software Tools/Utilities

These are programs provides the users most of the functionality of an operating system