



Vilget
[Vildagliptin 50mg]

Vilget M
[Vildagliptin+Metformin HCl]
50+500mg | 50+850mg | 50+1000mg

Q: System Calls

Def

- ⇒ Allows user to access the services provided by the O.S
- ⇒ The user's code is not provided with the direct access to the resources and services of the operating system.
- ⇒ All the system resources are managed by Kernel
- ⇒ The user program containing piece of code requesting for the access to system resource must be held by the Kernel code.
- ⇒ The system call used by user contains entry point to the Kernel code.
- ⇒ System calls allows users to manipulate and use operating systems services/resources.
- ⇒ 3 methods to pass info b/w running program and operating system
 - Store parameters in registers
 - " " in page table in memory and pass address
 - pushing parameters in stack and allow the operating system to pop parameters off the stack.

Types

Process Control: Allow management of processes like creation, terminate etc

File-Management:

Allows management of file system and manipulating operations on file like open, read, write, close

Device Management:

Allows user to manage devices like read, write, get, request device, release device

Information Management:

Allow the maintenance of information, Manipulation of info & transferring over the O.S and other process

Communication:

Provides services of interprocess communication. includes creation & deletion of communication.

Examples

Process: Create Process(), Exit Process()

File Management:

OpenFile(), ReadFile(), WriteFile(), Close File()

Device Management:

Read Console, Write Console

Information Management

GetProcessId, Sleep()

Communication:

Create Pipe()