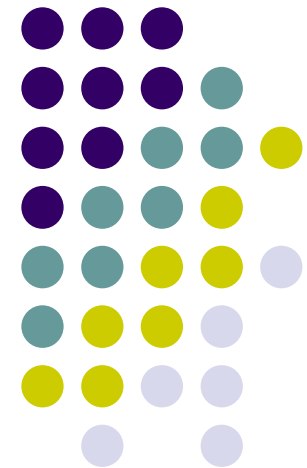
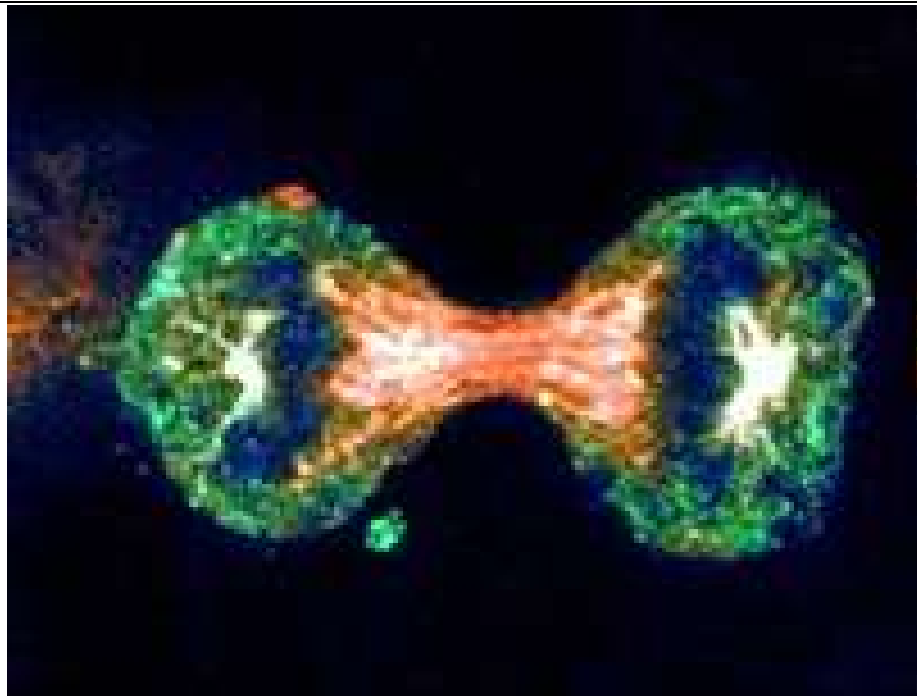


# Criação de Processos

**Fork( )**  
**Exec( )**



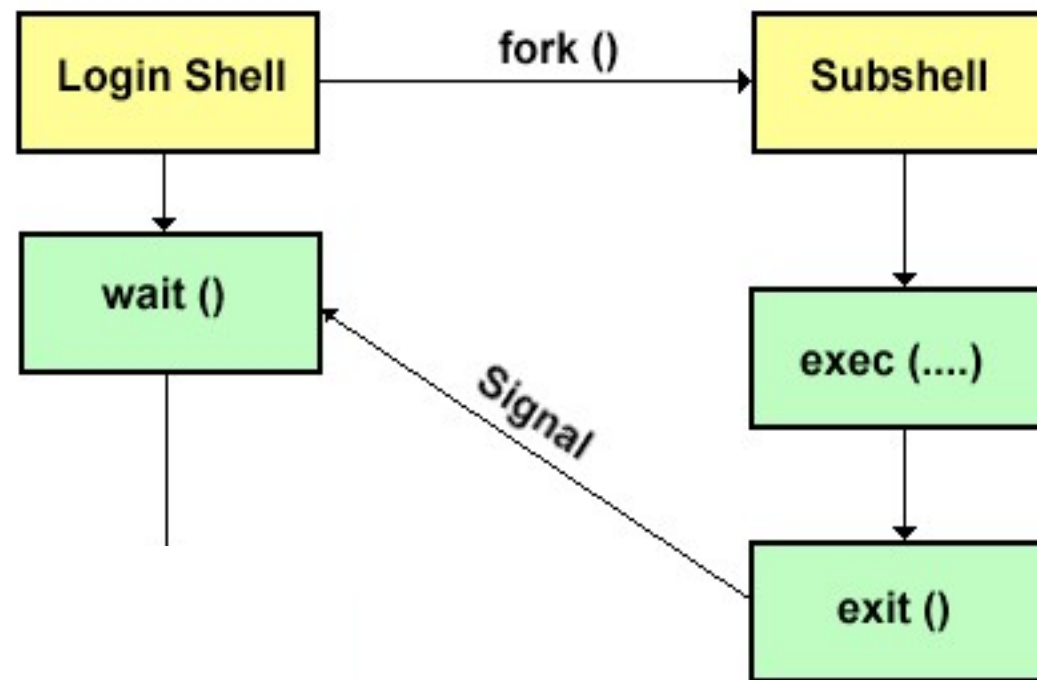
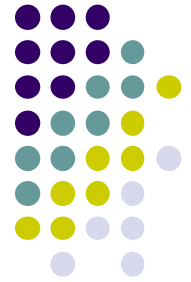
# Chamadas de Sistema: Process Management



## Gerenciamento de processos

Chamada	Descrição
<code>pid = fork( )</code>	Crie um processo filho idêntico ao processo pai
<code>pid = waitpid(pid, &amp;statloc, options)</code>	Aguarde um processo filho terminar
<code>s = execve(name, argv, environp)</code>	Substitua o espaço de endereçamento do processo
<code>exit(status)</code>	Termine a execução do processo e retorne o estado

# Chamada fork( ) / exec( )



# Esboço de uma shell



```
while (TRUE) {  
    type_prompt( );  
    read_command (command, parameters)  
  
    if (fork() != 0) {  
        /* Parent code */  
        waitpid( -1, &status, 0);  
    } else {  
        /* Child code */  
        execve (command, parameters, 0);  
    }  
}
```

/\* repeat forever \*/  
/\* display prompt \*/  
/\* input from terminal \*/  
  
/\* fork off child process \*/  
  
/\* wait for child to exit \*/  
  
/\* execute command \*/

# Perguntas?

