

Act 1.6. Línea de comandos

Uso un If para comprobar si es exit o quit antes de mostrar el proceso por la salida estándar para evitar que pueda imprimirse error al poner el comando quit o exit ya que no existen.

Además usó un split para poder concatenar varios comandos ls -l -a podría usarlo perfectamente.

```
public static void main(String[] args) {  
    Scanner sc = new Scanner(source: System.in);  
    String comando = "";  
    ProcessBuilder pb;  
    do {  
        System.out.println(x: "Escribe el comando");  
        comando = sc.nextLine();  
        String[] parts = comando.split(regex: " ");  
        pb = new ProcessBuilder(command: parts);  
        if (!comando.contains(s: "exit") && !comando.contains(s: "quit")) {  
            try {  
                Process p = pb.start();  
                try (var br = new BufferedReader(new InputStreamReader(in: p.getInputStream())))  
                {  
                    String linea;  
                    while ((linea = br.readLine()) != null) {  
                        System.out.println(x: linea);  
                    }  
                }  
                try (var br = new BufferedReader(new InputStreamReader(in: p.getErrorStream())))  
                {  
                    String linea;  
                    while ((linea = br.readLine()) != null) {  
                        System.out.println(x: linea);  
                    }  
                }  
            }  
            catch (IOException | InterruptedException ex) {  
                System.out.printf(format: "ERROR: %s\n", args: ex.getMessage());  
            }  
        }  
        while (!comando.contains(s: "quit") && !comando.contains(s: "exit"));  
    }  
}
```

```
        p.waitFor();  
    } catch (IOException | InterruptedException ex) {  
        System.out.printf(format: "ERROR: %s\n", args: ex.getMessage());  
    }  
    }  
    } while (!comando.contains(s: "quit") && !comando.contains(s: "exit"));  
}
```

```
Output - Act1punto6 (run) x  
Escribe el comando  
ls  
build  
build.xml  
manifest.mf  
nbproject  
src  
Escribe el comando  
date  
sáb 21 oct 2023 10:35:24 CEST  
Escribe el comando  
ifconfig  
enp0s3: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500  
inet 10.0.2.15 netmask 255.255.255.0 broadcast 10.0.2.255  
inet6 fe80::abff:165a:90f7:6e39 prefixlen 64 scopeid 0x20<link>  
ether 08:00:27:93:6f:cf txqueuelen 1000 (Ethernet)  
RX packets 12765 bytes 18168396 (18.1 MB)  
RX errors 0 dropped 0 overruns 0 frame 0  
TX packets 2273 bytes 212104 (212.1 KB)  
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0  
  
lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536  
inet 127.0.0.1 netmask 255.0.0.0  
inet6 ::1 prefixlen 128 scopeid 0x10<host>  
loop txqueuelen 1000 (Bucle local)  
RX packets 495 bytes 36500 (36.5 KB)  
RX errors 0 dropped 0 overruns 0 frame 0  
TX packets 495 bytes 36500 (36.5 KB)  
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```