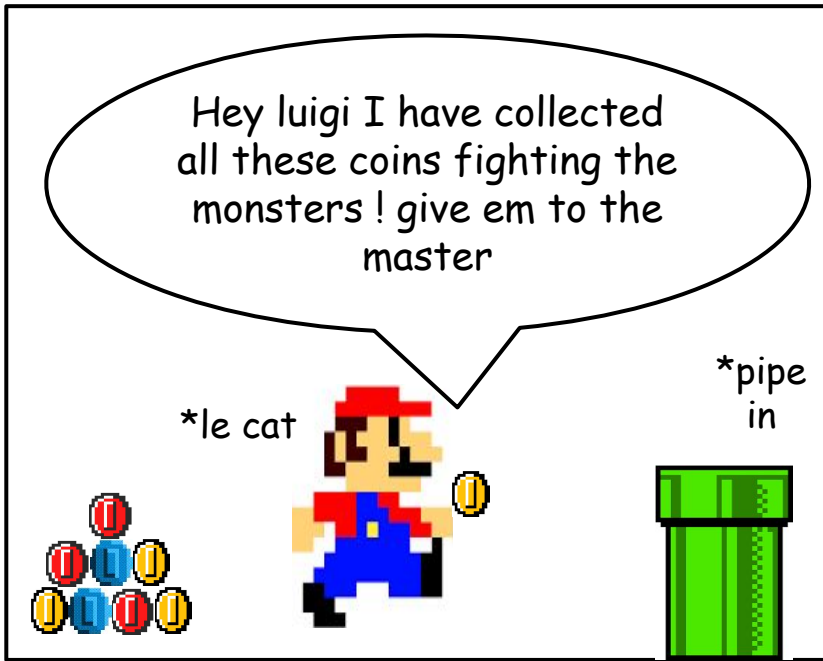


# | PIPES |

A tale of the mario brothers and their pipes by Harsh and Madhav

(1711005?)

(1711007?)

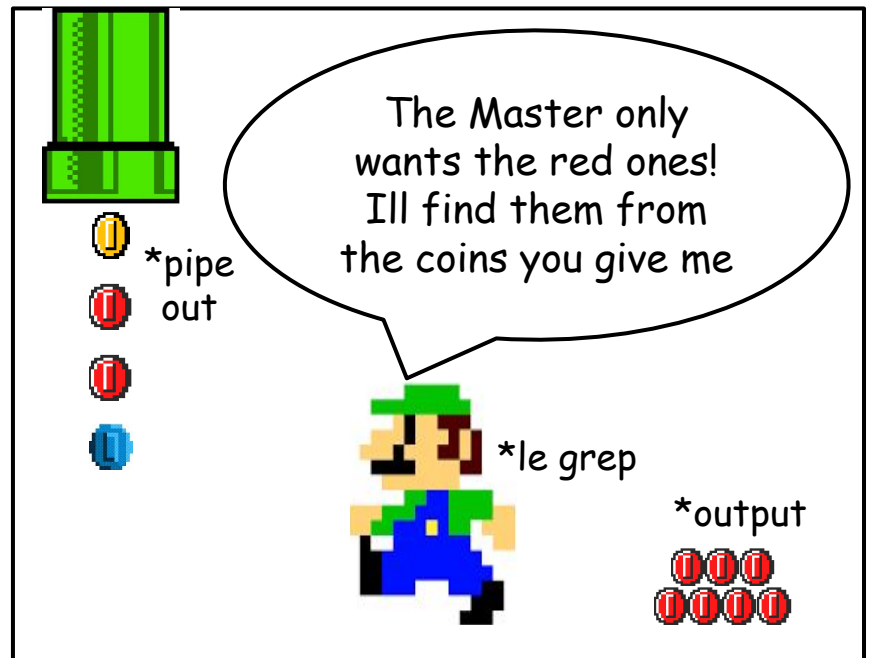


Sometimes you might want to combine the powers of your commands to make new commands that can do much more !

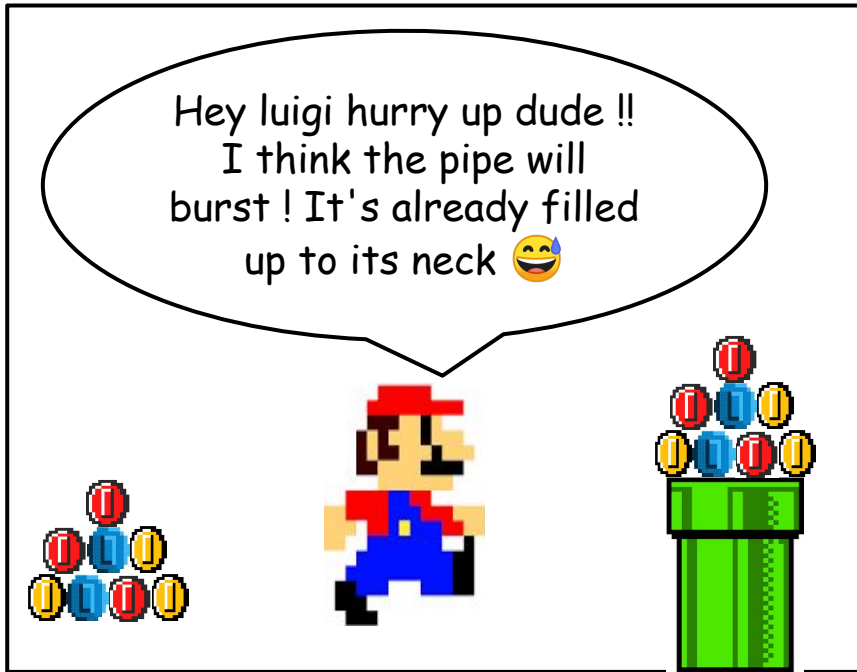
`$ cat coins | grep RED`

Poor mario collects everything that he sees, while luigi gives the master what he is looking for

P.S. There's no need to have a temporary variable, you can just send it down the pipe!



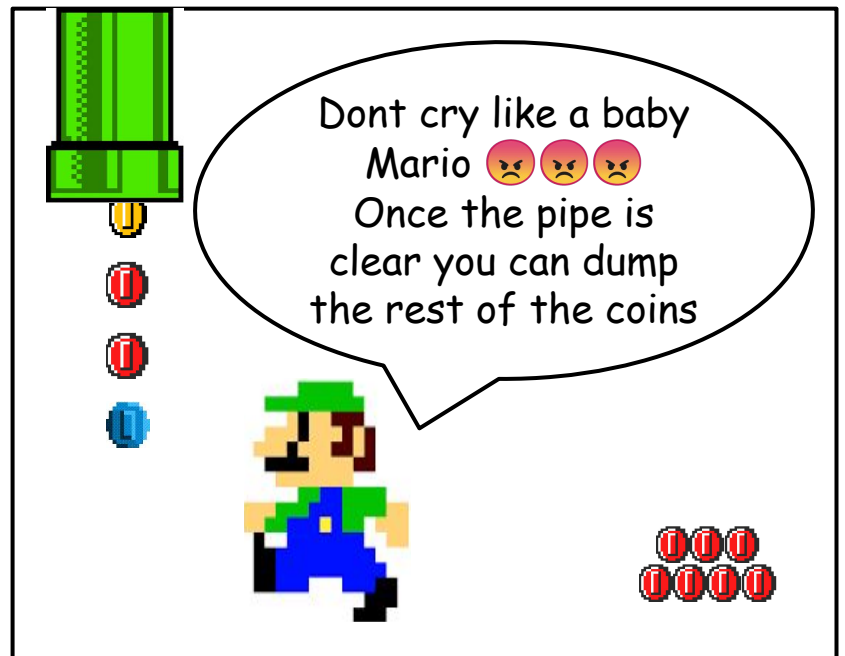
# | PIPES |



*When the rate of writing data in pipe is more than the rate of reading, a buffer is created in which the input data waits until the reader reads it.*

*No need to worry the pipe won't burst as it is made by the best pipe maker "Linux"*

*Once the buffer is full the first process has to wait until the next process reads the data queued in the buffer*



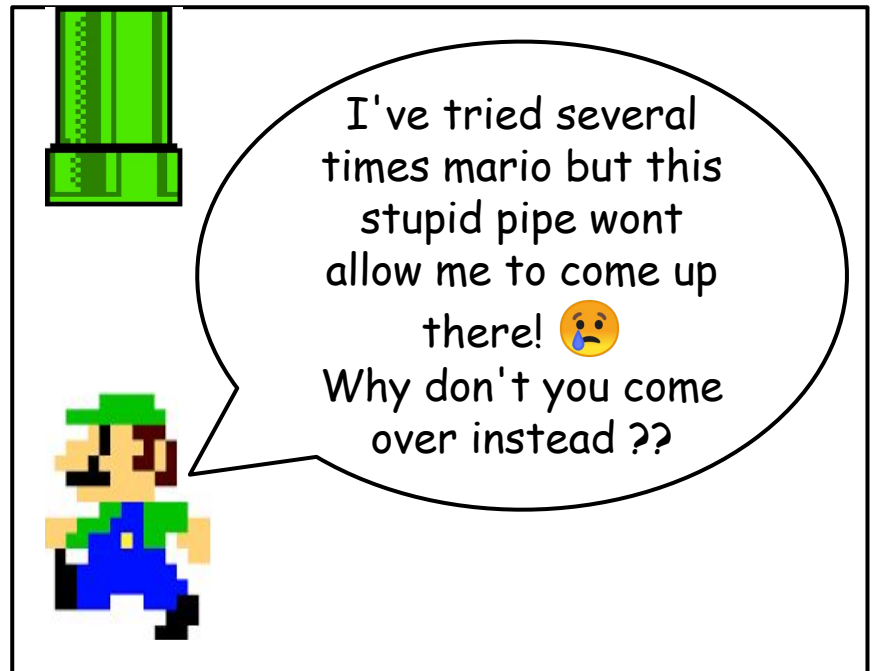
# | PIPES |



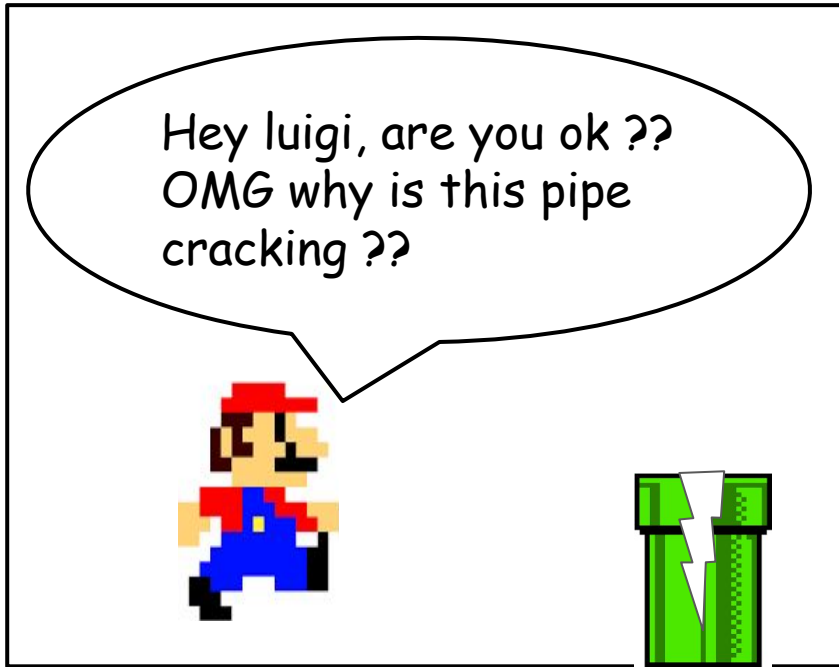
*Pipes are unidirectional. They have a write end (left) where the data is written and a read end (right) from where the written data can be read.*

*Luigi can't go to mario's place but only mario can go over to luigi's.*

*A plus for pipes is that you can use more than one pipe in a single statement to execute more complex tasks.*



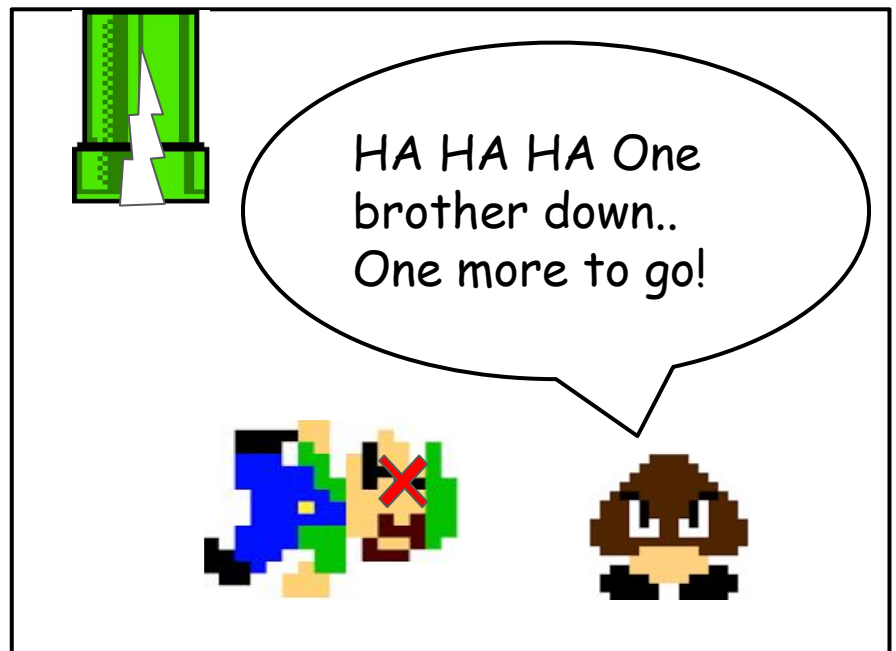
# | PIPES |



*Sometimes the target  
process dies or  
unexpectedly abruptly  
then it doesn't read any  
data coming from the  
pipe and sends **SIGPIPE**  
signal to terminate  
process.*

*RIP Luigi 🥹🥹*

*With his brother dead  
Mario could no longer  
focus on his work ...  
Depressed mario never  
contacted the master  
ever again*



# References

1. <https://wizardzines.com/zines/bite-size-linux/samples/pipes.jpg>
2. <https://www.geeksforgEEKS.org/piping-in-unix-or-linux/>

## The Starcast



Character Name: Mario

Source of image:

<http://pixelartmaker.com/art/a5efc212d6da613>



Character Name: Luigi

Source of image:

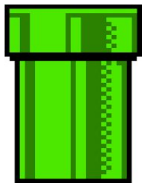
<http://pixelartmaker.com/art/a5efc212d6da613>



Character Name: Goomba

Source of image:

<https://www.ashleygrenon.com/2018/03/super-mario-bros-8-bit-goomba-pixel-art-diy-tutorial/>



Source of image:

[https://www.clipartmax.com/middle/m2i8A0i8N4H7Z5Z5\\_mario-pipe-pixel-mario-tube-png/](https://www.clipartmax.com/middle/m2i8A0i8N4H7Z5Z5_mario-pipe-pixel-mario-tube-png/)



Source of image: <http://pixelartmaker.com/art/5f4cbca3090ef99>



Source of image: <https://www.vippng.com/maxp/hRhmbwT/>



Source of image: <https://www.deviantart.com/tag/bluecoin>