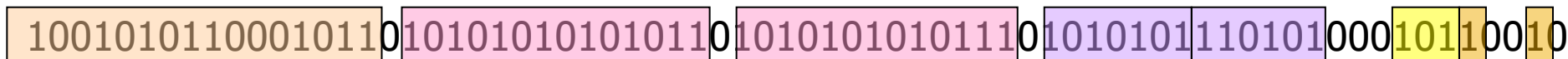
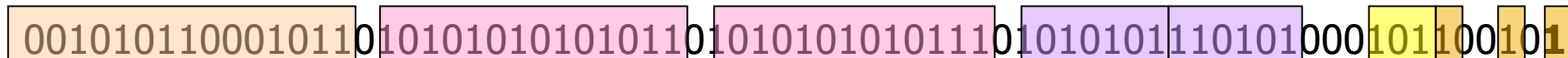


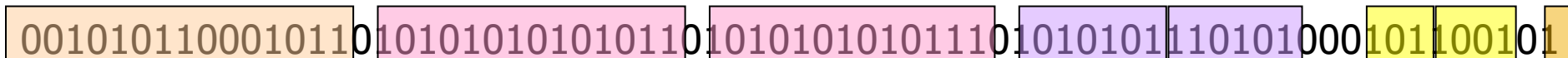
Current state of the stream:



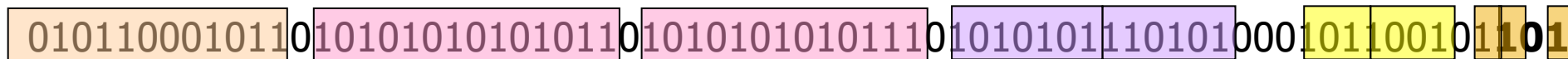
Bit of value 1 arrives



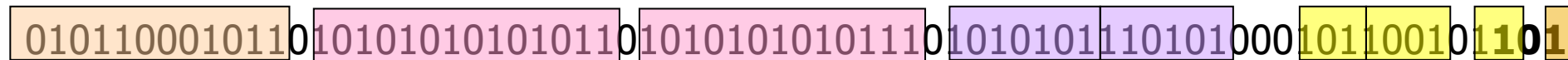
Two orange buckets get merged into a yellow bucket



Next bit 1 arrives, new orange bucket is created, then 0 comes, then 1:



Buckets get merged...



State of the buckets after merging

