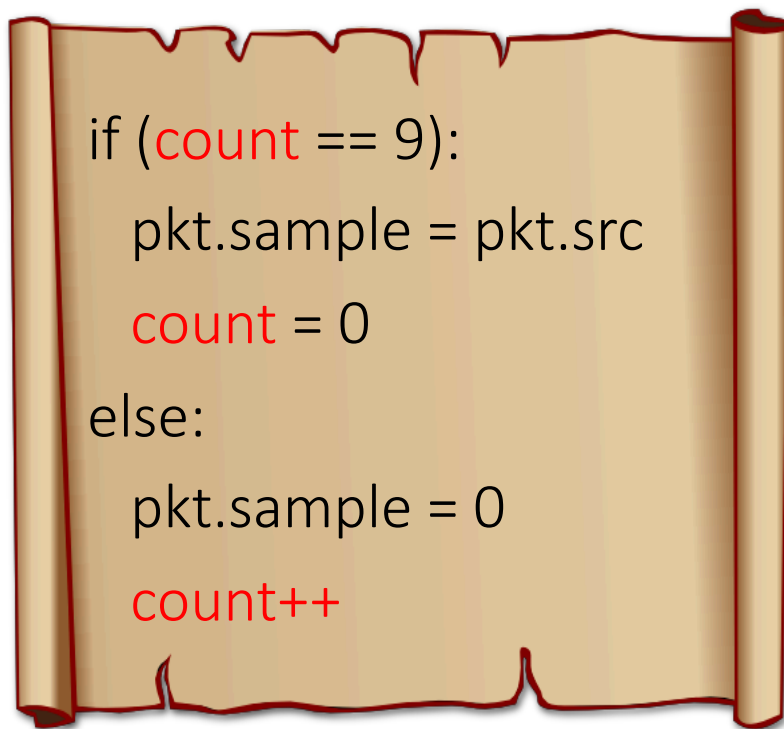


## Packet transaction



Generate codelet  
pipeline using  
dependency analysis

## Codelet pipeline

Stage 1

```
pkt.old = count;  
pkt.tmp = pkt.old == 9;  
pkt.new = pkt.tmp ? 0 : (pkt.old + 1);  
count = pkt.new;
```

Stage 2

```
pkt.sample = pkt.tmp ?  
            ..... pkt.src : 0
```

Map codelets to  
atoms in Banzai machine  
using SKETCH

## Banzai machine

