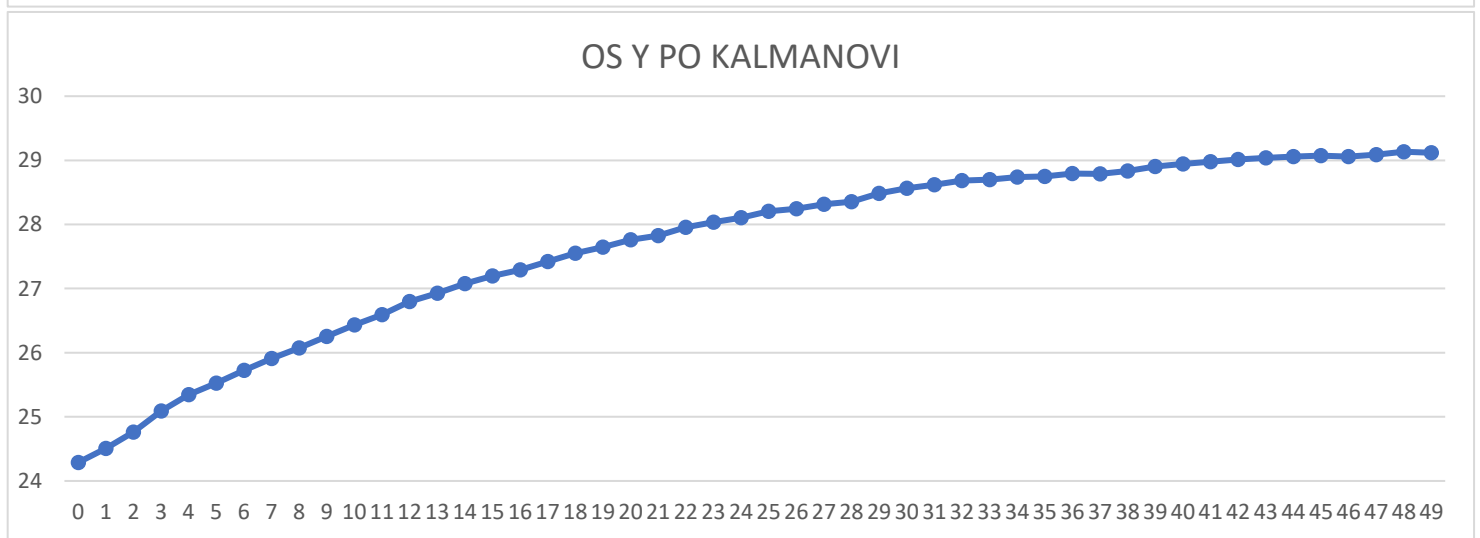
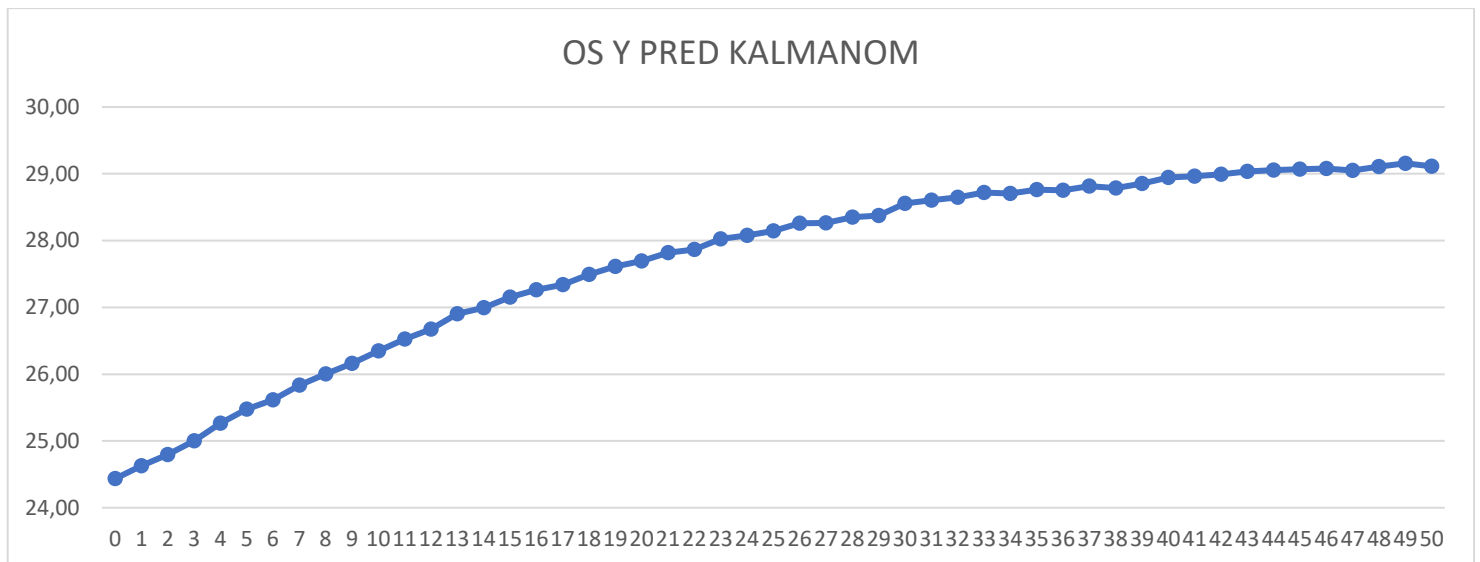


# Vizualizácia dát pred a po Kalmanovi

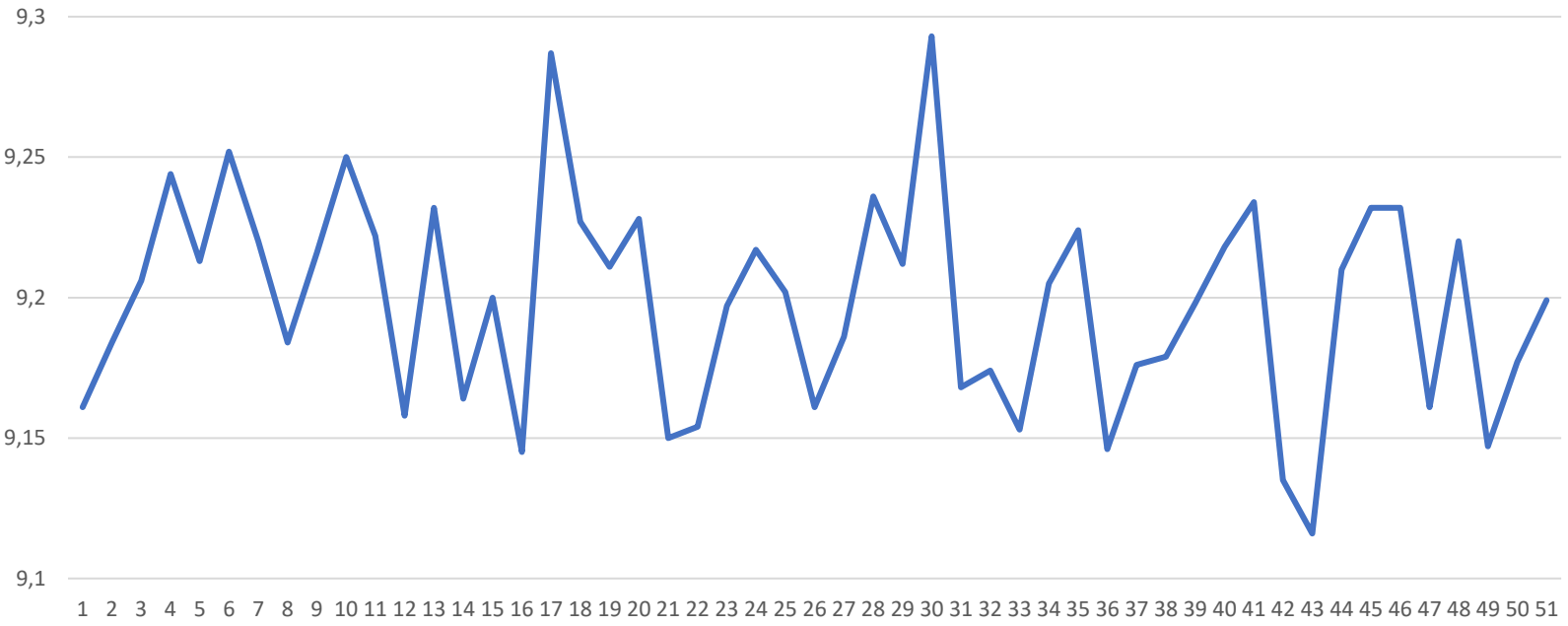
Pre ľahšiu vizualizáciu dát sme si vypisovali dáta z X a Y osi do konzoly.

```
LOG.log(LogType.INFO, "BANAN_A " + data.ballRelativePosition.getX());  
LOG.log(LogType.INFO, "BANAN_B " + data.ballRelativePosition.getY());  
data.ballRelativePosition = ballKalman.update(data.ballRelativePosition);  
LOG.log(LogType.INFO, "BANAN_C " + data.ballRelativePosition.getX());  
LOG.log(LogType.INFO, "BANAN_D " + data.ballRelativePosition.getY());
```

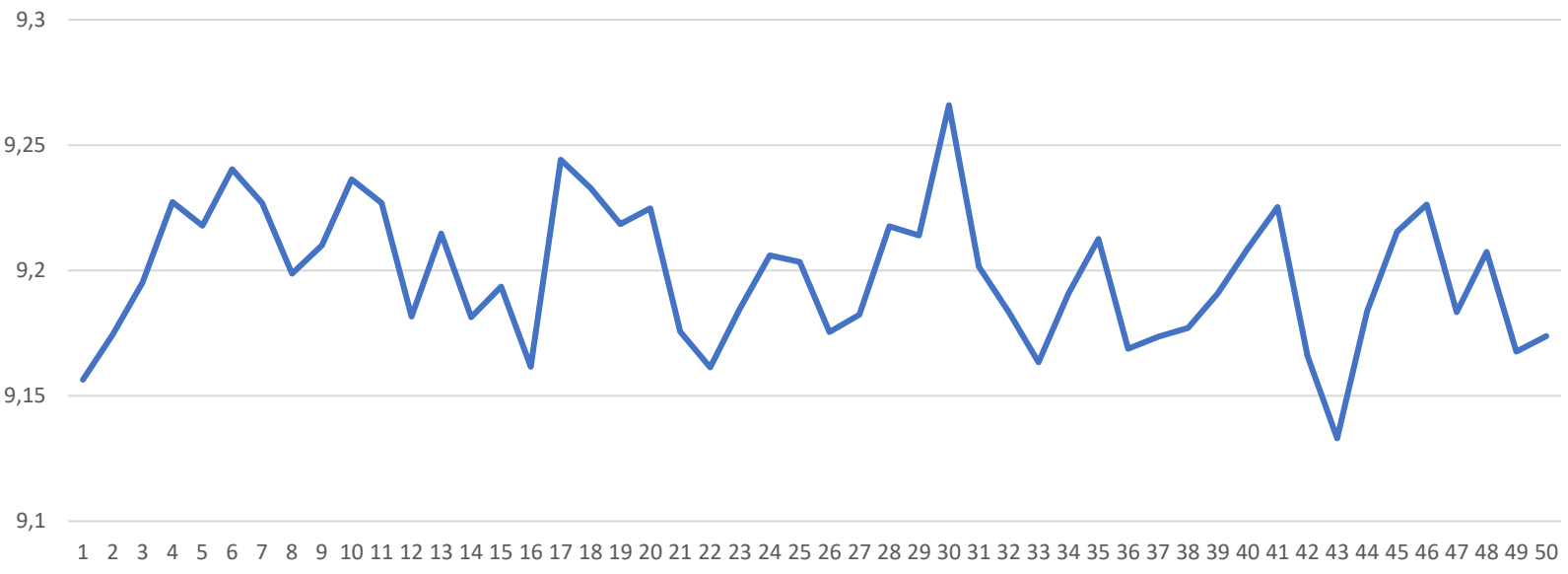
Následne sme si vo vlastnom skripte rozparsovali dáta len na X a Y súradnice, a to hodili do textového súboru. Následne sme si vykreslili grafy z týchto hodnôt pred a po uplatnení aktuálne funkčného Kalmanovho filtra.



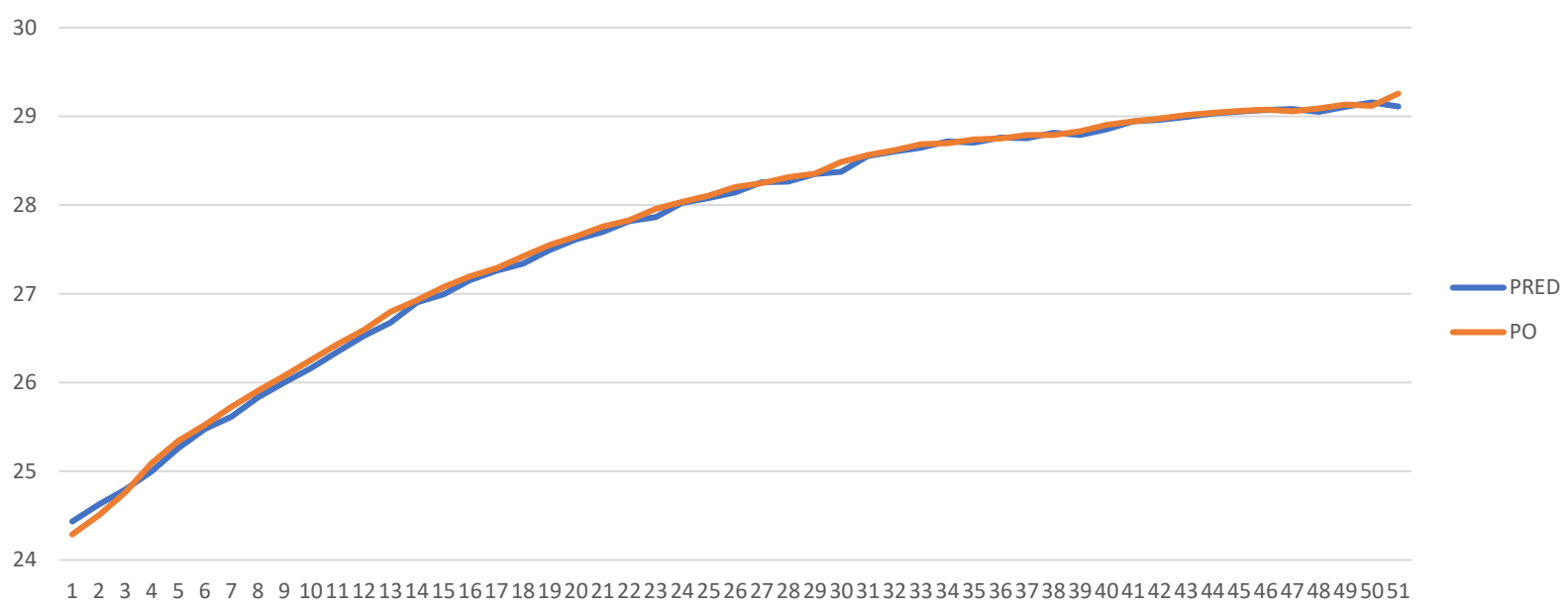
x pred kalmanom



x po kalmanovi



OS Y



OS X

