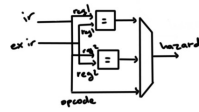
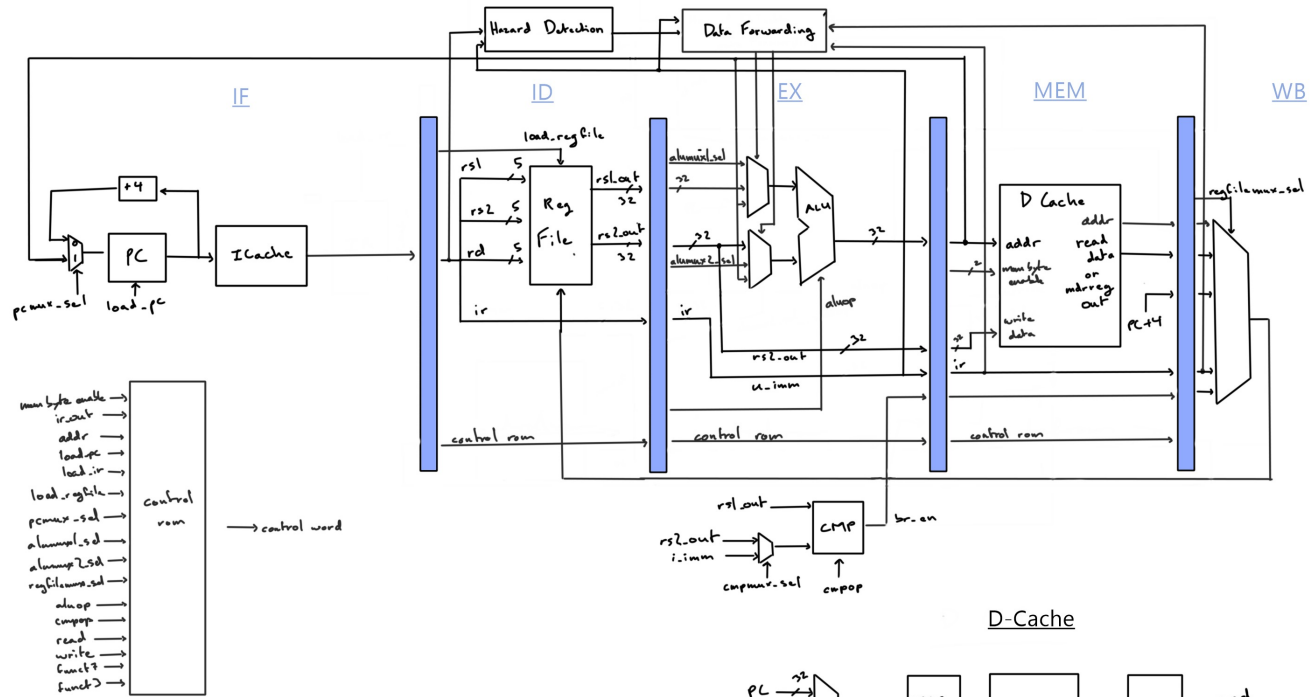
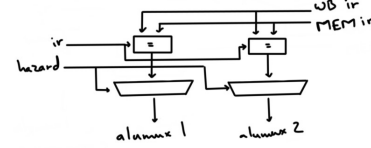


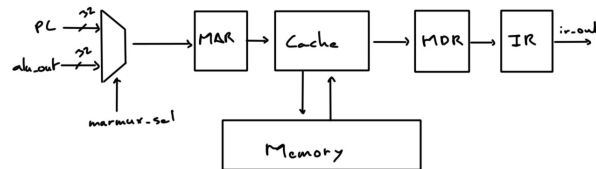
## Hazard Detection



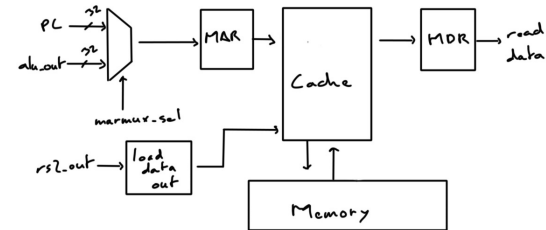
## Data Forwarding



## I-Cache



## D-Cache



## Arbiter

