

## Original program

```
global Array.t<<32>> a = Array.create(1024);
global Array.t<<32>> b = Array.create(1024);
global Array.t<<32>> c = Array.create(1024);

handle packetin (int src, int dst, int port){
    if (src == 1) {
        int idx = Array.get(a, 1);
        if (dst == 1) {
            Array.set(b, idx, src+dst);
        }
        if (dst == 2) {
            Array.set(c, idx, src+port);
        }
        else {
            if (dst == 3) {
                port = 0;
            }
        }
    }
}
```