Single HW Process

```
main(){

START_SIGNAL_READ
INPUT_IMAGE_READ

out1 = \
    affine(img);



out2 = \
    sigmoid(out1);



out3 = \
    bin_x_entropy(out2);



RESULT_WRITE

}
```

```
affine(img[]){
    …
    return output;
}
```

```
sigmoid(input){
    …
    return output;
}
```

```
bin_x_entropy(input){
    …
    return output;
}
```