

```
int cond[n], in[n], out[n];
```

```
...
```

```
for (int i = 0; i < n; i++){
```

```
    if (cond[i]){
```

```
        out[i] = in[i] + 1;
```

```
    }
```

```
    else{
```

```
        out[i] = in[i] - 2;
```

```
    }
```

```
}
```



```
vec cond_v [n];
```

```
cond_v = ...
```

```
if (cond_v[0] & cond_v[n-1])
```

```
    do_vec;
```

```
else
```

```
    do_scalar;
```

```
}
```