```
if (a > 5){//a to r0
   a++;
}
```

```
if (a > 5 && b < 10){// a to r0
                     // b to r1
   a += b;
}
```

```
if (a > 5 || b < 10){// a to r0
                     // b to r1
   a += b;
}
```

```
if (a > 5){//a to r0
   a++;
}
else{
   a = 20;
}
```

```
for(int i = 0; i < n; ++i){//i to r0,
                           //n to r1,
                           //a to r2
  a += i;
}
```

```
i = 20; //r0
a = 30; //r1
while(i-- > 0){
  a -= i;
  if (a < i) break;
}
```