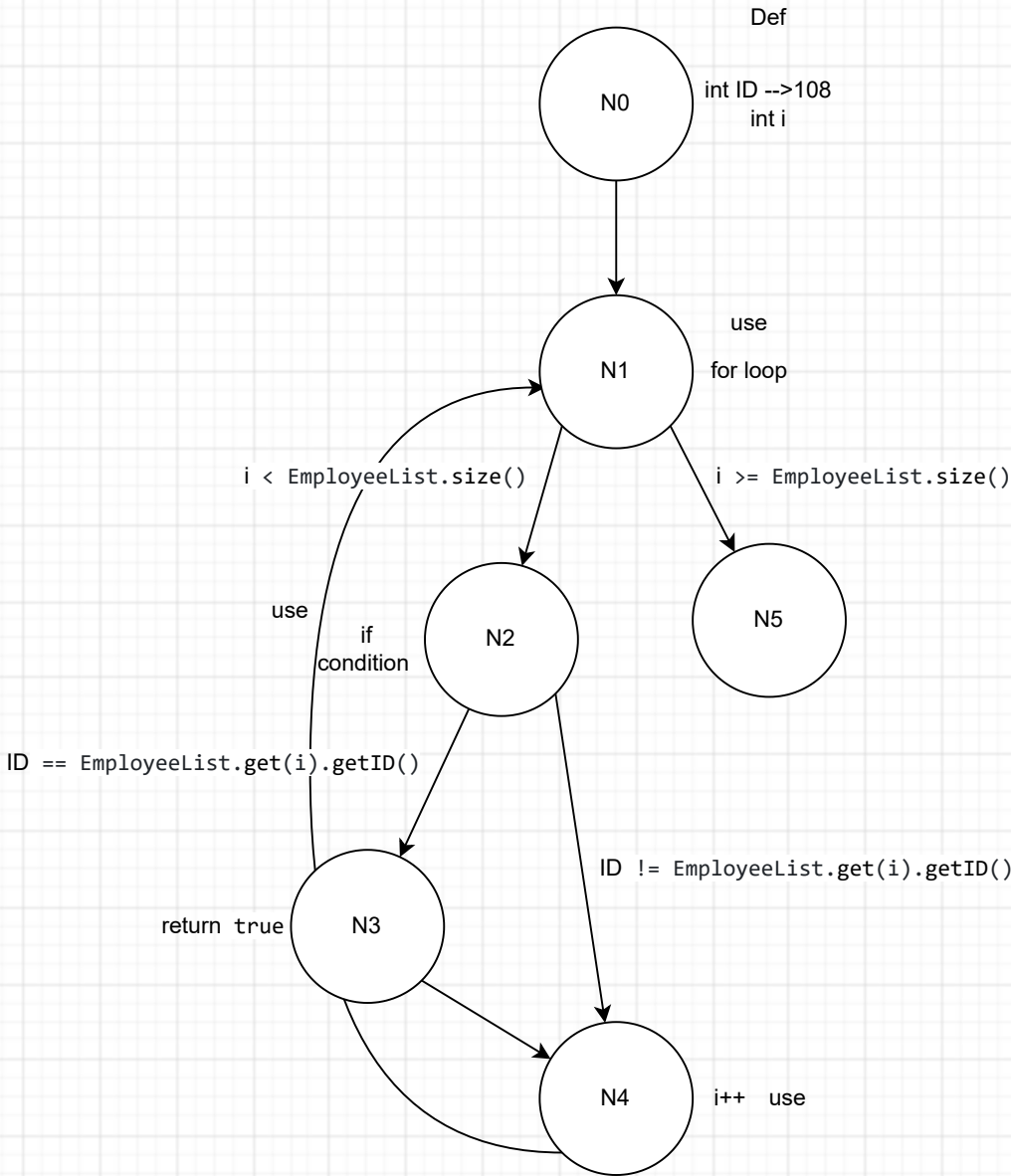


Function in Factory

it is a function in factory class within the project in code line between 108-->117.



the code

```
}  
  
for (int i = 0; i < EmployeeList.size(); i++) {  
    if (ID == EmployeeList.get(i).getID()) {  
  
        return true;  
    }  
  
}  
  
return false;  
}
```

edge = {No, N1, N5} U {N0, N1, N2, N3, N4, N1, N2, N4}

node = {N0, N1, N2, N3, N4, N1, N5}

Edge-Pair = {N0,N1,N5}
 {N0,N1,N2}
 {N1,N2,N3}
 {N2,N3,N4}
 {N2,N4,N1}
 {N3,N4,N1}
 {N4,N1,N2}
 {N4,N1,N5}

use = {N0,N1,N2,N3,N4,N1,N5}

Def = {N0,N1,N5}

du-path = {N0,N1,N2,N3,N4,N1,N5}

side-trip = {N0, N1, N2, N3, N4, N1, N5}

detours = {N0, N1, N2, N4, N1, N5}