

`i = 10`

`if statement`

`i & i-1`

`true (non-zero)`

`printf false`

`false
(zero)`

`printf true`

`return`

```
graph TD; A[i = 10] --> B[i & i-1]; B -- "true (non-zero)" --> C[printf false]; B -- "false (zero)" --> D[printf true]; C --> E[return]; D --> E;
```