

entry:

```
%4 = load freelist  
cmp = icmp %4 0  
br cmp if.else if.then
```

if.then:

```
%5 = load freelist  
%6 = load freelist  
idxprom = sext %6  
arrayidx = getelementptr cellspace 0 idxprom  
next = getelementptr arrayidx 0 1  
%7 = load next  
br if.end
```

if.else:

```
call Error  
br if.end
```

if.end:

```
%8 = load temp  
ret %8
```

```
graph TD; entry[entry:] --> if_then[if.then:]; entry --> if_else[if.else:]; if_then --> if_end[if.end:]; if_else --> if_end;
```