**function** party( *guest\_list, max\_guests, temp* )

// iterate over guest\_list and add 1 to max\_guests

**for** *i = 0 to guest\_list.length* **do**

**if** temp 🡨 0 **then**

**if** *guest\_list[ i ]* = 0 **then**

*max\_guests 🡨 max\_guests + 1*

*temp 🡨 temp + 1*

**else if** guest\_list[ i ] = 1 **then**

*max\_guests 🡨 max\_guests + 1*

*temp 🡨 temp + 2*

**else**

continue

**end if**

**end if**

**end for**

**return** *max\_guests*

*guest\_list 🡨 [0,2,1,0,1,1]*

*max\_guests 🡨 0*

*temp 🡨 0*

// call the party function, passing the guest\_list

total\_guests 🡨 party( *guest\_list, max\_guests, temp* )

**print** 🡪 *total\_guests*