

```
// posInt is a variable which holds a randomly generated integer between 1 and 15.
// It is a let variable since its value will be changed later in a while loop.
let posInt = Math.floor(Math.random() * 15) + 1;
// This variable stores the initial value of posInt before it is used in the loop so
// that later it can be used to display posInt's initial value in the output.
const intInit = posInt;
// This is a variable which will be used to hold the sum of all the integers from
// posInt.
let summed = 0;

// The while loop will run while posInt's stored integer value is greater than 0
while (posInt > 0) {
  // This is the equivalent of summed = summed + posInt;
  // In other words: new value of summed = old value of summed + new value of posInt;
  summed += posInt;
  // This will decrement posInt so that posInt will eventually equal 0 and the while
  // loop will stop running its code.
  posInt--;
}

console.log(intInit); // displays the initial value of posInt
console.log(summed); // displays the sum of integers from posInt
```