Write a function that finds the sum of the active bits of n.

**Examples:**

* binaryCount(8) = 1  
  810 = 000010002 -> 1
* binaryCount(9) = 2  
  910 = 000010012 -> 2
* **[input] integer n**
  + 0 ≤ n ≤ 255.
* **[output] integer**
  + The sum of active bits.

<https://codefights.com/challenge/saFm8RFXqef9qmPrk>

int binaryCount(int n) {

int sum = 0;

while (n > 0)

{

sum += n % 2;

n /= 2;

}

return sum;

}