**Tail Recursion** aur **Non-Tail Recursion** Dono ka difference is baat par depend karta hai ki recursive call ke baad koi kaam baaki hai ya nahi.

int nonTailRecursion(int n) {  
if (n == 0)  
 return 0; // Base case  
return n + nonTailRecursion(n - 1); // Recursive call is NOT the last statement  
}  
  
void tailRecursion(int n) {  
if (n == 0)  
 return; // Base case  
System.out.println(n); // Work  
tailRecursion(n - 1); // Recursive call as the last statement  
}

**Direct Recursion** aur **Indirect Recursion** mein main difference is baat par hai ki ek function khud ko direct call karta hai ya kisi dusre function ke through call hota hai.