Recursion has three parts

Base case if condition to terminate recursive calls

Progression updating value to make recursive call to move towards our base case

Body the body part is actually giving us our desired result

100 Void func(int n)

101 {

102 If(n<0)

103 Return ;

104 n=n-1;

105 F(n);

106 Cout<<n;

107 }

In above code line 102and 103 is base case

Line 104 is progression which move towards base case

Line 106 is out body part which we want to perform or want to achieve from our recursive function

Types

Tail

Non tail

Nested

Excessive or multiple recursion

Direct

indirect