**Question 1 :**  
What is the time complexity T(n) for the following code snippet?  
a = 1  
b = 1  
while(b <= n)  
{  
a += 1  
b += 1  
cout<<"Hi";  
}

**Ans) T(n)=O(n)**

**Question 2 :**Write the output for the following recursive code snippet for n = 3:  
void fun(int n)  
{  
if(n > 0)  
{  
cout<<n:  
fun(n - 1);  
cout<<n;  
}  
}

**Ans) 321123**