1)

From the given sets of code, at first b is 1, so the condition is true, therefore b = 1+1=2, which satisfies the condition as true, b = (n-1)+1, the condition is true. b = n+1= false.

.. The eoop ends.

 $\therefore \Gamma(n) = o(n)$

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;

33
```

Output:

321