P12.

edi → %rsp+0xc

cmp (n, 0)

if n!=0:
eax=n
eax-=1
n=eax
func2(n)
else:
eax=1
return
	if n!=0
	eax=n+0
	eax-=1
	n=eax
	func1(n)
	else:
	eax=0
	return

```
int func1(unsigned int n)
{
    if (n != 0)
        return func2(n-1);
    else
        return 1;
}
```

```
int func2(unsigned int n)
{
    if (n!=0)
        return func1(n-1);
    else
        return 0;
}
```

Answer