

# Esecuzione dei metodi ricorsivi

```
static int F(int n, int a){  
    if (n == 0) return a;  
    else return F (n-1,n*a);  b  
}
```

**Nel main:**

```
System.out.println(F(3,1));    a
```

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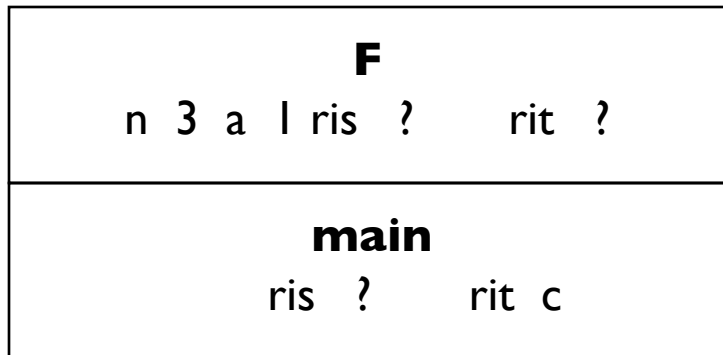
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a

**main**

ris ?      rit ?



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n	1	a	6	<b>F</b>	ris	?	rit	?
n	2	a	3	<b>F</b>	ris	?	rit	b
n	3	a	1	<b>F</b>	ris	?	rit	b
<b>main</b>					ris	?	rit	c

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n	2	a	3	<b>F</b>	ris	?	rit	<b>b</b>
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a

<b>F</b>				
n	1	a	6	ris 6 rit b
<b>F</b>				
n	2	a	3	ris ? rit b
<b>F</b>				
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<b>main</b>				
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n 2 a 3	ris 6	rit <b>b</b>
<b>F</b>		
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<b>F</b>			
n	3	a	l
ris 6 rit <b>b</b>			
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ris 6    rit c