

Note: the style of this code is very poor, but it illustrates the mechanism very well.

CODE FRAGMENT

```

int result;
sub fact(int n)
  int temp;
  if n<=1 result = 1;
  else
    temp = fact(n-1);
    result = n * temp;
  fi;
end;
→ fact(3);
    
```

IDENTIFIER TABLE

0	"result"
1	"fact"
2	"n"
3	"temp"

SCOPE STACK BEFORE EVALUATION OF FACT(3)

