

## Program 11

# Declaring a sub program inside the declaration region

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### 1 INTRODUCTION

Ada draws a clear syntactic separation between declarations, which introduce names for entities that will be used in the program, and statements, which perform the processing. the areas in the program where declarations may appear are known as *declarative regions*.

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```
1 with Ada.Text_IO; use Ada.Text_IO;
2
3 procedure Main is
4     procedure nested is
5         begin
6             Put_Line("Hello World");
7         end nested;
8     begin
9         Nested; --| CALL TO NESTED
10    end Main;
```

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In the program shown in the program shown in the previous section, the declarative region is between line 3 and line 8, observe that in this region a new procedure is declared like a function inside the declaration region, and in line 9 this procedure is being invoked and the lines within it are executed.