

```
1  procedure Insert (T : in Tree; V : Natural) is
2      Walker : access Rec := T;
3  begin
4      loop
5          if V < Walker.Data then
6              if Walker.Left /= null then
7                  Walker := Walker.Left;
8              else
9                  Walker.Left := Build_Leaf(V);
10                 exit;
11             end if;
12         elsif V > Walker.Data then
13             if Walker.Right /= null then
14                 Walker := Walker.Right;
15             else
16                 Walker.Right := Build_Leaf(V);
17                 exit;
18             end if;
19         end if;
20     end loop;
21 end Insert;
```