

```
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;
```