```
1    type Int_Ptr is access integer;
2
3  Procedure Swap(X_Param, Y_Param : in out Int_Ptr) is
4    Tmp : Int_Ptr := X_Param;
5    Begin
6       X_Param := Y_Param;
7       Y_Param := Tmp;
8    End Swap;
9
10   X : Int_Ptr := new Integer;
11   Y : Int_Ptr := new Integer;
12
13   begin
14     Swap(X, Y);
15     (...)
```