```ada
    type Int_Ptr is access integer;

Procedure Swap(X_Param, Y_Param : in out Int_Ptr) is
  Tmp : Int_Ptr := X_Param;
  Begin
      X_Param := Y_Param;
      Y_Param := Tmp;
  End Swap;

  X : Int_Ptr := new Integer;
  Y : Int_Ptr := new Integer;

  begin
      Swap(X, Y);
      (...)
```