```
    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;

   Swap(X, Y);
```