define: GetProtectedFieldAccess(*var_node*, *lock_node*, *alias_graph*)

1:   *ancestor_node* := GetCommonAncestor(*var_node*, *lock_node*);
2:   **if** *ancestor_node* is NULL **then**
3:       **return** NULL;
4:   **end if**
5:   *var_access_path* := GetAccessPath(*ancestor_node*, *var_node*);
6:   *lock_access_path* := GetAccessPath(*ancestor_node*, *lock_node*);
7:   return <*var_access_path*, *lock_access_path*>;