Initialization

|  |  |  |
| --- | --- | --- |
|  | Owner | Non-Owner |
| Owner | \_Owner T a = \_Move b;  \_Owner T a = make\_owner();  \_Owner T a = b;  \_Owner T a = \_Move make\_owner(); | T \_Owner \* p = 0;  T \_Owner \* p = b;  \_Owner T a = b; |
| Non-Owner | T a = b;  T a = move b;  T a = make\_owner(); | T a = b; |

Assignment

|  |  |  |
| --- | --- | --- |
|  | Owner | Non-Owner |
| Owner | a = \_Move b;  a = \_Move make\_owner();  a = b;  a = make\_owner(); | p = 0; p = nullptr; a = b; |
| Non-Owner | a = b;  a = move b;  a = make\_owner(); | a = b |

Return

|  |  |  |
| --- | --- | --- |
|  | Owner | Non-Owner |
| Owner | return local; return \_Move non\_local\_var; return non\_local\_var; | return 0; return nullptr; return local;  return non\_local\_var; |
| Non-Owner | return local;  return \_Move non\_local;  return make\_owner(); | return &local\_var; return local\_var;  return non\_local\_var; |

Calling functions

|  |  |  |
| --- | --- | --- |
|  | Owner | Non-Owner |
| F(Owner T ) | F(\_Move arg); F(make\_owner()); F(arg); | F(0); F(nullptr); F(arg); |
| F(Non-Owner) | F(arg);  F(make\_owner()); | F(arg); |