

*New Text Document.txt - Notepad

File Edit Format View Help

Append:

Append.txt

store and environment

```
// From the information of the store, when we pass L3: (7|(8|(9|(10|nil)))) into Reverse,
// From the information of the store, when we pass L3: (7|(8|(9|(10|nil)))) into Reverse,
// it is actually doing :
// 1. {Append {Reverse [8,9,10]} [7]} -----> {Append [10,9,8] [7]}----->[10,9,8,7] (final result)
// 2. {Reverse [8,9,10]} ----> {Append {Reverse [9,10]} [8]} -----> {Append [10,9] [8]}
// 3. {Reverse [9,10]} ----> {Append {Reverse [10]} [9]} -----> {Append [10] [9]} ----->[10,9]
// 4. {Reverse [10]} ----> {Append {Reverse []} [10]} ----->[10]
```

Append_diff

append_diff.txt

```
// From the information of the store, when we pass [4,3,2,1] into Reverse
// {Reverse [4,3,2,1]} --> {ReverseD [4,3,2,1] Out []} --> Return [1,2,3,4]
// {ReverseD [4,3,2,1] Out []} ----> {ReverseD [3,2,1] Out [4]}
// {ReverseD [3,2,1] Out [4]} ---> {ReverseD [2,1] Out [3,4]}
// {ReverseD [2,1] Out [3,4]} ----> {ReverseD [1] Out [2,3,4]}
// {ReverseD [1] Out [2,3,4]} ----> {ReverseD [] Out [1,2,3,4]}
// {ReverseD [] Out [1,2,3,4]} ----> for the [] case, ReverseD bound [1,2,3,4] to Out, Out = [1,2,3,4]
// Return Out
```