

\$SPAD/src/input ase7.as

The Axiom Team

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Abstract

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1 License

```
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```

___ * ___

```
#include "axiom.as"
```

```
L ==> List;
```

```
Test2(R:EuclideanDomain) : with {
  constPtrs? :() -> R;
  set : R->R;
  resetConstPtrs :()->R;
} == add {
```

```
  import from R;
  local constantPtrs:R:=0;
```

```

constPtrs?():R == {
    free constantPtrs;
    constantPtrs;
}

set(c:R):R == {
    free constantPtrs;
    constantPtrs := c;
}

resetConstPtrs():R == {
    free constantPtrs;
    constantPtrs := 0;
}
}

Test3 : with {
    constPtrs? : ()-> Integer;
    set: Integer->Integer;
    resetConstPtrs: () ->Integer;

} == add {
    import from Integer;
    constantPtrs:Integer:=0;
    constPtrs?():Integer == {
        free constantPtrs;
        constantPtrs;
    }

    set(c:Integer):Integer == {
        free constantPtrs;
        constantPtrs := c;
    }

    resetConstPtrs():Integer == {
        free constantPtrs;
        constantPtrs := 0;
    }
}

foo2 : with {constPtrs? : ()-> Integer; set: Integer->Integer; resetConstPtrs: () ->Integer } == Test

```

References

- [1] nothing