Answers to the exercises for chapter: Lambda calculus

```
\def\IsNil#1{#1{\expandafter\False\gobbletwo}{\True}}
\test{Detect NIL}{\IsNil\Nil}
\test{Detect non-NIL}{\IsNil{\Singleton\Nil}}
Output:
    Detect NIL Detect non-NIL
\def\Sub#1#2{#1{\SubFrom{#2}}{#2}}
\def\SubFrom#1#2#3{#1{\SubMinOne{#3}}\Error}
\def\SubMinOne#1#2#3{\Sub{#1}{#3}}
Explanation:
     Sub <total> <term>⇒<term> SubFrom<total> Zero
     if <term> is empty\Rightarrowthen <total>
              \verb|otherwise| \Rightarrow SubFrom < total> < term-head> < term-tail>
                       \Rightarrow<total> SubMinOne<term-tail> Error
                       ⇒SubMinOne<term-tail> <total-head> <total-tail>
                       ⇒Sub <total-tail> <term-tail>
```