## Homework #10

```
{{fun {x:num y:num->bool} {y {+ x 17}}}
42 {fun {x: num} {> x 72}}}
where the type of > is (num num -> bool)
```

 $\emptyset \vdash \{\{fun \{x: num \ y: num -> bool\} \{y \{+x \ 17\}\}\} \ 42 \{fun \{x: num\} \{>x \ 72\}\}\}$ 

y.. is simplified term for y:  $(num \rightarrow bool)$ , and x.. is simplified term for x: num because of the lack of space...