

Objective Caml version 3.06

```
# let x = 1;;
val x : int = 1

# let add_x y = y + x;;
val add_x : int -> int = <fun>

# add_x 3;;
- : int = 4

# let x = 2;;
val x : int = 2

# add_x 3;;
- : int = 4

# add_x x;;
- : int = 3

# let f x = x * x;;
val f : int -> int = <fun>

# let succ_f x = f x + 1;;
val succ_f : int -> int = <fun>

# succ_f 5;;
- : int = 26

# let f x = x + 2;;
val f : int -> int = <fun>

# succ_f 5;;
- : int = 26

# succ_f (f 5);;
- : int = 50

# let x = 1
in (let x = 2 in x) + x;;
- : int = 3

#
```