```
Last login: Mon Feb 12 13:15:16 on ttys003
carbon:$ utop
```

Welcome to utop version 2.0.2 (using OCaml version 4.06.0)!

```
Type #utop_help for help about using utop.

─( 13:38:39 )─< command 0 >─────────────────────────────────{ counter: 0 }─
utop # #use "inductive.ml";;
type color = Red | Green | Blue
─( 13:38:39 )─< command 1 >─────────────────────────────────{ counter: 0 }─
utop # Red ;;
─ : color = Red
─( 13:38:43 )─< command 2 >─────────────────────────────────{ counter: 0 }─
utop # Red + Green ;;
Error: This expression has type color but an expression was expected of type
         int
─( 13:38:50 )─< command 3 >─────────────────────────────────{ counter: 0 }─
utop # #use "inductive.ml";;
type color = Red | Green | Blue
val isRed : color -> bool = <fun>
type weekday = Mon | Tue | Wed | Thr | Fri | Sat | Sun
val isWorkDay : weekday -> bool = <fun>
type boolean = True | False
─( 13:39:02 )─< command 4 >─────────────────────────────────{ counter: 0 }─
utop # isWorkDay Tue ;;
─ : bool = true
─( 13:47:20 )─< command 5 >─────────────────────────────────{ counter: 0 }─
utop # #use "inductive.ml";;
type color = Red | Green | Blue
val isRed : color -> bool = <fun>
type weekday = Mon | Tue | Wed | Thr | Fri | Sat | Sun
val isWorkDay : weekday -> bool = <fun>
type intorstr = Int of int | Str of string
─( 13:47:27 )─< command 6 >─────────────────────────────────{ counter: 0 }─
utop # Int 7 ;;
─ : intorstr = Int 7
─( 13:50:25 )─< command 7 >─────────────────────────────────{ counter: 0 }─
utop # Str "Hello" ;;
─ : intorstr = Str "Hello"
─( 13:50:28 )─< command 8 >─────────────────────────────────{ counter: 0 }─
utop # type foo = Foo | bar ;;
Error: Syntax error
─( 13:50:38 )─< command 9 >─────────────────────────────────{ counter: 0 }─
utop # #use "inductive.ml";;
type color = Red | Green | Blue
val isRed : color -> bool = <fun>
type weekday = Mon | Tue | Wed | Thr | Fri | Sat | Sun
val isWorkDay : weekday -> bool = <fun>
type intorstr = Int of int | Str of string
type coord = float * float
type circ_desc = coord * float
```

```
type tri_desc = coord * coord * coord
type sqr_desc = coord * coord * coord * coord
type shape = Circle of circ_desc | Triangle of tri_desc | Square of sqr_desc
```
File "inductive.ml", line 30, characters 23-29:
Error: This expression has type float but an expression was expected of type
        int
-(13:51:08)-< command 10 >——{ counter: 0 }-
utop #

Arg	Array	ArrayLabels	Assert_failure	Bigarray	Blue	Buffer	Bytes	BytesLabels	Ca