```
 1: ::::::::::::::
 2: hashbang.ml
 3: ::::::::::::::
 4: #!/bin/env ocaml
 5:
 6: (*
 7: * Example of how to run ocaml as a script.
 8: *
 9: * Normally, one could just name the executable (ocaml) to be used
10: * as the interpreter, since ocaml ignores the first line if it
11: * begins with a hashbang.  However, since ocaml is itself an
12: * executable
13: * /afs/cats.ucsc.edu/courses/cmps112-wm/usr/ocaml/bin/ocamlrun
14: * script, we can not hashbang a hashbanged script.  So we run
15: * /bin/env instead, which in turn just runs its single argument.
16: *)
17:
18: open Printf;;
19:
20: let rcsid = "$Id: hashbang.ml,v 361.2 2006-02-17 13:30:32-08 - - $";;
21:
22: printf "rcsid = %s\n" rcsid;;
23: printf "interactive = %b\n" !Sys.interactive;;
24: printf "word_size = %d\n" Sys.word_size;;
25: printf "max_string_length = %d = 0x%08X\n"
26:        Sys.max_string_length Sys.max_string_length;;
27: printf "max_array_length = %d = 0x%08X\n"
28:        Sys.max_array_length Sys.max_array_length;;
29: printf "getcwd () = %s\n" (Sys.getcwd ());;
30: printf "os_type = %s\n" Sys.os_type;;
31:
32: printf "executable_name = %s\n" Sys.executable_name;;
33: Array.iteri (fun i s -> printf "argv.(%d) = %s\n" i s) Sys.argv;;
34:
35: ::::::::::::::
36: hashbang.ml.out
37: ::::::::::::::
38: rcsid = $Id: hashbang.ml,v 361.2 2006-02-17 13:30:32-08 - - $
39: interactive = false
40: word_size = 64
41: max_string_length = 144115188075855863 = 0x1FFFFFFFFFFFFFF7
42: max_array_length = 18014398509481983 = 0x3FFFFFFFFFFFFF
43: getcwd () = /afs/cats.ucsc.edu/courses/cmps112-wm/Languages/ocaml/Exampl
es
44: os_type = Unix
45: executable_name = /afs/cats.ucsc.edu/courses/cmps112-wm/usr/ocaml/bin/oc
aml
46: argv.(0) = ./hashbang.ml
```