```
type binop = Add | Sub | Mul | Div
type var = int
type expr =
 | Const of int
  Var of var
  Binop of binop * expr * expr
  Letin of var * expr * expr
  Ifzero of expr * expr * expr
  Call of string * expr
  Raise of expr
 TryWith of expr * var * expr
type def = { name : string; locals: int; body : expr; }
type program = { funs : def list; print : expr; }
let rec expr h = function
 | Const _ | Var _ -> false
  Binop (_, e1, e2)
  Letin (_, e1, e2) -> expr h e1 || expr h e2
  Ifzero (e1, e2, e3) -> expr h e1 || expr h e2 || expr h e3
  Call (f, e) -> h f || expr h e
  Raise _ -> true
 | TryWith (e1, _, e2) -> expr h e1 && expr h e2
let fixpoint p =
 let r = Hashtbl.create 17 in
 let raise exn f = Hashtbl.find r f in
 List.iter (fun f -> Hashtbl.add r f.name false) p.funs;
 let rec fix () =
  let fixpoint_reached = ref true in
  List.iter
    (fun f ->
     let b = expr raise_exn f.body in
      if not (raise_exn f.name) && b then begin
       fixpoint_reached := false;
       Hashtbl.add r f.name true
      end)
    p.funs;
  if not !fixpoint reached then fix ()
 in
 fix ();
 raise_exn
```