```
debug = -1:WindowWidth = 750:WindowHeight = 510:texteditor #mw.code, .5, 47, 720, 405:button #mw.2,"Save",[save], UL, 85, 7, 75, 25:button #mw.1,"New",[new], UL, 5, 7, 75, 25:button #mw.3,"Run",[run], UL, 165, 7, 75, 25
menu #mw, "File","New" , [new],"Open", [open],"Save", [save],|,"Exit", [Exit.tiney.basic]:menu #mw, "Edit":menu #mw, "Run","Run" , [run],"Debug", [debug]:open "Tiney Basic" for window as #mw:print #mw, "trapclose [Exit.tiney.basic]":print #mw.code, "!autoresize";:wait
[save]
filedialog "Save As", "*.bas", filen$: if filen$ <> "" then print #mw.code, "!contents? string$";:open filen$ for output as #m:print #m,string$:close #m:wait
[new]
print #mw.code, "!cls" ;:wait
[open]
filedialog "Save As", "*.bas", filen$:if filen$ <> "" then open filen$ for input as #m:print #mw.code, "!contents #m";:close #m:else:print #mw.code, "!cls" ;
wait
[Exit.tiney.basic]
close #mw:end
[debug]
debug = debug*(-1)
[run]
dim vars$(1000,1):cls:print #mw.code, "!lines l" ;
for x = 1 to l
dim cmnd$(150):print #mw.code, "!line ";x;" string$" ;:gosub [read.in.string]
if debug = 1 then
for n = 1 to i
print n, "|";cmnd$(n);"|"
next n
end if
[if.re]
if.pos = 0
SELECT CASE lower$(cmnd$(1))
CASE "if"
gosub [testif]
CASE "print"
prstr$ = ""
for ppp = 1 to i - 1
prstr$ = prstr$ ; vrp$(cmnd$(ppp+1))
next ppp
print prstr$
CASE "input"
input bla$
bla = pvar(cmnd$(2),bla$)
CASE "goto"
x = val(cmnd$(2)) - 1
case "let"
if i <= 5 then
bla = pvar(cmnd$(2),cmnd$(4))
else
if cmnd$(5) = "+" then bla = pvar(cmnd$(2),str$(val(vrp$(cmnd$(4)))+val(vrp$(cmnd$(6)))))
if cmnd$(5) = "-" then bla = pvar(cmnd$(2),str$(val(vrp$(cmnd$(4)))-val(vrp$(cmnd$(6)))))
if cmnd$(5) = "*" then bla = pvar(cmnd$(2),str$(val(vrp$(cmnd$(4)))*val(vrp$(cmnd$(6)))))
if cmnd$(5) = "/" then bla = pvar(cmnd$(2),str$(val(vrp$(cmnd$(4)))/val(vrp$(cmnd$(6)))))
if cmnd$(5) = ";" then bla = pvar(cmnd$(2),vrp$(cmnd$(4));vrp$(cmnd$(6)))
end if
case "cls":cls
case "end"
END SELECT
if if.pos = 1 then goto [if.re]
next x
wait
[testif]
SELECT CASE lower$(cmnd$(3))
case "=" :if vrp$(cmnd$(2)) = vrp$(cmnd$(4)) then goto [f.if]
case "<>":if vrp$(cmnd$(2)) <> vrp$(cmnd$(4)) then goto [f.if]
case ">" :if val(vrp$(cmnd$(2))) > val(vrp$(cmnd$(4))) then goto [f.if]
case "<" :if val(vrp$(cmnd$(2))) < val(vrp$(cmnd$(4))) then goto [f.if]
case ">=":if val(vrp$(cmnd$(2))) >= val(vrp$(cmnd$(4))) then goto [f.if]
case "<=":if val(vrp$(cmnd$(2))) <= val(vrp$(cmnd$(4))) then goto [f.if]
end select
return
[f.if]
for n = 1 to i
cmnd$(n) = cmnd$(n+5):cmnd$(n+5) = ""
next n
if.pos = 1:return
[read.in.string]
qq=-1:i=1:nn = LEN( string$ )
if string$ = "" then i = 0:return
dim chs$(LEN( string$ ))
for n = 1 to LEN(string$)
chs$(n) = mid$(string$, n, 1)
next n
n = 0
[ris.lp]
n = n + 1
if n >= LEN(string$) + 1 then return
if chs$(n) = chr$(34) then qq = qq*(-1):goto [ris.lp]
if chs$(n) = " " then
if qq > 0 then cmnd$(i) = cmnd$(i);chs$(n):goto [ris.lp] else if cmnd$(i) <> "" then  i = i + 1: goto [ris.lp]
end if
cmnd$(i) = cmnd$(i);chs$(n):goto [ris.lp]
function vrp$(varnm$)
vrp$ = varnm$
for x = 1 to val(vars$(0,0))
if vars$(x,0) = varnm$ then vrp$ = vars$(x,1):EXIT FOr
next x
end function
function pvar(varnm$,txt$)
novars = val(vars$(0,0))
for x = 1 to novars
if vars$(x,0) = varnm$ then vars$(x,1) = txt$:vdone = 1:EXIT FOr
next x
if vdone <> 1 then vars$(0,0) = str$(novars+1):vars$(novars+1,0) = varnm$:vars$(novars+1,1) = txt$
end function
```