This programs reads the output obtained from INTERPB and extract different
2D and 3D variables in an specific point (jb,ib).
The number of vertical levels, the number of time intervals and the specific
point should selected by editing the file 'parconst'.
It is written in fortran 90. depending on the machine you have to compile and
run in a different way.
To run the program a soft link landuse -> LANDUSE.TBL

The next list describes the variables written on each output file:

info:
Some information about the input file.

2D:
time, surface pressure, pressure sea level, PBL height (extracted directly
from MM5 if PBL=MRF, u*, Ground temperature, sensible heat flux,
latent heat flux, land use type, terrain height.

3D: for each time interval
Level number, Pressure, Geopotential height, U velocity, V velocity,
W velocity, Temperature, Potential temperature, mixing ratio,
specific humidity, relative humidity, Saturated water vapor pressure,
Water vapor pressure, Turbulent kinetic energy.

coor_c:
X direction point, Y direction point, cross latitude, dot latitude,
cross longitude, dot longitude, terrain height, land use.

soil_t: for each time interval
height under ground, temperature

OBS_2D:
time, Temperature at 2m, Specific humidity at 2m, U velocity at 10 m,
V velocity at 10 m.

If CLOUD=TRUE:
2DCLD:
Time, Convective rain, Non convective rain.

3DCLD: for each time interval
Level number, geopotential height, Cloud water, Rain water,
Radiation tendency.

If BUDGET=TRUE
EB:
Time, Ground temperature, Short wave radiation down (surface),
Long wave radiation down (surface), Short wave radiation up (top),
Long wave radiation up (top), Short wave radiation up (surface),
Long wave radiation up (surface), sensible heat flux, latent heat flux,
Net radiation, Ground flux1 (form the temperature gradient),
Ground flux2 (from pag 78 of MM5 description).