```
linear functionels b: V->IR, where V=401(12)
     Design a method, s.t. the error in the goal b
    is small, i.e b(u) - b(uh) - smin/small
     Let f:V > R be (lin + cont) RHS and
        Aluiv) = fou voolx Yuiver
 Using a FES VLCV:
                                                     YUEV SIVACVI
PRI- (cont: (a) Final UEV
MAL (disc (b) UnEVn
                              s.t A(u,v)=f(v)
                              s.t A(u_n, v_n) = f(v_n)
DUAL (cont (c) WEV

disc: ol.) WEV
                               st A(v, w) = b(v)
                                                     YONEVN
YONEVN
                               s.t. A(v_n, w_n) = b(v_n)
   Show that
           |b(u) - b(un) | ≤ 2°(un) 2°(wn), 2° (B2° reliable error estimates
   When in doubt \rightarrow add \approx zero: eV_hcV eV_hcV eV_h

|b(u) - b(u_h)| = |b(u) - b(u_h) + f(w_h) - f(w_h)| = \int Galerlin
= |A(u, w) - A(u_h, w) + f(A(u, w_h) - f(w_h))| = \int Galerlin
        ± | A(u-un, w) + A(u-un, wn) | ± | A(u-un, w-wn)| ≤
```