Help

```
#include  "merhes1d_std.h"

int MOD_OPT(ChkMix)(Option *Opt, Model *Mod)
{
  TYPEOPT *ptOpt = (TYPEOPT *)(Opt->TypeOpt);
  TYPEMOD *ptMod = (TYPEMOD *)(Mod->TypeModel);
  int status = OK;

  if ((ptOpt->Maturity.Val.V_DATE) <= (ptMod->T.Val.V_DATE))
    {
      Fprintf(TOSCREENANDFILE, "Current date greater than maturity!\ n");
      status += 1;
    };

  return status;
}


extern PricingMethod MET(CF_CallMertonHeston);
extern PricingMethod MET(CF_PutMertonHeston);
extern PricingMethod MET(CF_CarrMertonHeston);
extern PricingMethod MET(CF_AttariMertonHeston);
extern PricingMethod MET(MC_Polynomial);
extern PricingMethod MET(MC_Alfonsi_Bates);
extern PricingMethod MET(MC_HybridTree_Bates);
extern PricingMethod MET(FD_HybridTree_Bates);
extern PricingMethod MET(FD_MertonHeston);
extern PricingMethod MET(MC_AM_Alfonsi_LongstaffSchwartz_Bates);
extern PricingMethod MET(MC_AM_Alfonsi_AndersenBroadie_Bates);
extern PricingMethod MET(AP_Alos_Bates);
PricingMethod *MOD_OPT(methods)[] =
{
  &MET(CF_CallMertonHeston),
  &MET(CF_PutMertonHeston),
  &MET(CF_CarrMertonHeston),
  &MET(CF_AttariMertonHeston),
  &MET(MC_Polynomial),
  &MET(MC_Alfonsi_Bates),
  &MET(MC_HybridTree_Bates),
```

```
  &MET(FD_HybridTree_Bates),
  &MET(FD_MertonHeston),
  &MET(MC_AM_Alfonsi_LongstaffSchwartz_Bates),
  &MET(MC_AM_Alfonsi_AndersenBroadie_Bates),
  &MET(AP_Alos_Bates),
  NULL
};

DynamicTest *MOD_OPT(tests)[] =
{
  NULL
};

Pricing MOD_OPT(pricing) =
{
  ID_MOD_OPT,
  MOD_OPT(methods),
  MOD_OPT(tests),
  MOD_OPT(ChkMix)
};
```