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```
#include "
href../../mod/heshw2d/heshw2d_std/heshw2d_std_h_src.pdfheshw2d_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(AP_FOURIERCOSINE_HESHW2D);
extern PricingMethod MET(FD_HybridTree);
extern PricingMethod MET(MC_HybridTree);
PricingMethod *MOD_OPT(methods) [] =
{
    &MET(AP_FOURIERCOSINE_HESHW2D),
    &MET(FD_HybridTree),
    &MET(MC_HybridTree),
    NULL
};

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

Pricing MOD_OPT(pricing) =
{
    ID_MOD_OPT,
    MOD_OPT(methods),
```

```
MOD_OPT(tests),  
MOD_OPT(ChkMix)  
};
```