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// declare functions to get rid of compiler warnings
void readfile(char filename[], double *factor, double *dtout, double
*tend, int *MM);
void mesh(double X[], double Y[]);
void init(const int W, double T[][W+2], double E[][W+1], double p[]
[W+1]);
void BCFlux(double F0[]);
void output(const int W, double X[], double Y[], double T[][W+2],
double Fx[][W+1], double Fy[][W+1],
double E[][W+1], double p[][W+1], double time, int nsteps,
double tend);
void flux(const int W, double Fx[][W+1], double Fy[][W+1], double T[]
[W+2], double p[][W+1], double F0[]);
void pde(const int W, double E[][W+1], double Fx[][W+1], double Fy[]
[W+1]);
void eos(const int W, double E[][W+1], double T[][W+2], double p[]
[W+1], double Fx[][W+1], double Fy[][W+1]);

```