Info<< "Reading transportProperties\n" << endl;

IOdictionary transportProperties

(

IOobject

(

"transportProperties",

runTime.constant(),

mesh,

IOobject::MUST\_READ\_IF\_MODIFIED,

IOobject::NO\_WRITE

DTの定義を追加

)

);

**dimensionedScalar DT**

**(**

**transportProperties.lookup("DT")**

**);**

dimensionedScalar nu

(

transportProperties.lookup("nu")

);

Info<< "Reading field p\n" << endl;

Tの定義を追加

volScalarField p

(

**Info<< "Reading field T\n" <<endl;**

**volScalarField T**

**(**

**IOobject**

**(**

**"T",**

**runTime.timeName(),**

**mesh,**

**IOobject::MUST\_READ,**

**IOobject::AUTO\_WRITE**

**),**

**mesh**

**);**

IOobject

(

"p",

runTime.timeName(),

mesh,

IOobject::MUST\_READ,

IOobject::AUTO\_WRITE

),

mesh

);

Info<< "Reading field U\n" << endl;

volVectorField U

(

IOobject

(

"U",

runTime.timeName(),

mesh,

IOobject::MUST\_READ,

IOobject::AUTO\_WRITE

),

mesh

);

# include "createPhi.H"

label pRefCell = 0;

scalar pRefValue = 0.0;

setRefCell(p, mesh.solutionDict().subDict("PISO"), pRefCell, pRefValue);