// Program to demonstrate parameter passing

// User enters a temperature in degrees Fahrenheit and the program converts this to degrees

// centigrade

#include <iostream.h>

#include <conio.h>

float fToC(float degreesF)

{

float degreesC = ((5.0/9.0) \* (degreesF – 32));

return degreesC;

}

int main()

{

clrscr();

float fahrenheit, centigrade;

cout<<”Enter a fahrenheit temperature: \t”;

cin>>fahrenheit;

centigrade = fToC(fahrenheit);

cout<<fahrenheit<< “ F is “<< centigrade << “ C”;

getch();

return 0;

}

// This version demonstrates multiple parameters being passed and also the ability to call a function

// from any other function ( fToC() calls displayResult() )

#include <iostream.h>

#include <conio.h>

void displayResult(float degreesF, float degreesC)

{

cout<<degreesF<< “ F is “<< degreesC << “ C”;

}

void fToC(float degreesF)

{

float degreesC = ((5.0/9.0) \* (degreesF – 32));

displayResult(degreesF, degreesC);

}

float getInputTemp ()

{

float fahrenheit;

cout<<”Enter a fahrenheit temperature: \t”;

cin>>fahrenheit;

return fahrenheit;

}

int main()

{

clrscr();

float fahrenheit = getInputTemp ();

fToC(fahrenheit);

getch();

return 0;

}