**TASK 4**

Convert the following pseudo code to C++ code. Divide force by area and store in pressure. Display the contents of pressure.

**Explanation:**

This program displays contents of pressure computed by dividing force by time in Newton per meter square. Force is 172.5 N and area 27.5-meter square is stored in ‘force’ and ‘area’ respectively. Program divides force by area and displays contents of pressure as output.

**INPUT:**

#include<iostream>

#include<conio.h>

#include<iomanip>

using namespace std;

main()

{

float force=172.5,area=27.5,pressure=force / area;

cout<<"Force="<<force<<" N \n\n";

cout<<"Area="<<area<<" m \n\n";

cout<<"Pressure=Force/Area \n\n";

cout<<"Pressure="<<force<<"/"<<area<<" \n\n";

cout<<"Pressure="<<setprecision(3)<<pressure<<" N/m";

getch();

return 0;

}

**OUTPUT:**

