PHYS 201 Pre-Lab 04

High-Temperature Superconductivity

Name:	Sec./Group:	Date:
 a) A typical indoor temperature is Fairbanks, Alaska in January is -2 °F 	21 °C. A typical outdo What are these temper	or temperature for eratures in the Kelvin scale?
b) Liquid nitrogen boils at 77 K. \	What is this temperatur	e in degrees Fahrenheit?
In the DC Resistance part of this I ohm resistor to protect the equipm without the resistor? (Don't do this!)		
Look up and express in your own v magnetic and diamagnetic material. (extensively but you can use physics in	Your book does not dis	scuss magnetic properties