University of Bahrain

College of Information Technology

Department of Computer Science

First Semester, 2018-2019

**ITCS214 / ITCS215 / ITCS216 (Data Structures)**

**Tutorial 1 [Inheritance]**

Stored information related to people is varies depending upon the situation. For example, a person could be a student or a bank customer or a patient and possibly all three. You are required to develop a class for **Person** with common attributes such as name and CPR number and another representing a **Student** that has an ID, GPA, and study major. Use inheritance to avoid the duplication of information representation. Code the necessary attributes as mentioned and their set and get methods. The classes should have two constructors each one without any parameter and the other with parameters. Both classes should have toString() methods. Write a Java application to **Test** your classes.