Ryan Richardson

Foundations of Programming

Project 5

* Create a Student class with a constructor passing the variables name and age.
* Define a display method for the class that prints a formatted string passing through the name and age variables.
* Create a child class of the Student class called the Engineer class and create a constructor that inherits name and age and also creates the variable courses.
* Create a display method for the engineer class that prints a formatted string with the variables name, age, and courses passing through.
* Create another child class of the Student class called the Doctor class with a constructor method that inherits name and age and creates the variable hospital.
* Create a display method for the Doctor class that prints a formatted string passing the variables name, age, and hospital.
* Create a main function, create an instance of the object “E” in the Engineer class and pass through parameters. Then call E.displayEngineer() method.
* Create an instance of the object D in the Doctor class and pass through parameters. Then call D.displayDoctor() method.