FirstbitSolutions

Python Inheritance Assignment

1. Create a class Student with following
   a. data members :
      i. StudentId
      ii. Name
      iii. Age
      iv. Percentage
   b. Add the following methods :
      i. Parameterized constructor
      ii. Display
      iii. Accept
      iv. Method CalculateRank
      v. Override __str__ Method
2. Create a derived class from Student as EnggStudent with :
   a. Data members as :
      i. Branch
      ii. InternalMarks
   b. Add the following methods :
      i. Parameterized constructor
      ii. Display
      iii. Accept
      iv. override Method CalculateRank
      v. Override __str__ Method

3. Create a class MedicalStudent inherited from Student with following :
   a. Data members :
      i. Specialization
      ii. MarksOfInternship

   b. Add the following methods :
      i. Parameterized constructor
      ii. Display
      iii. Accept
      iv. override Method CalculateRank
      v. Override __str__ Method

4. Create a class College which has collection of students. Add the following methods :
   a. Parameteried constructor for number of students.
   b. AddStudent
   c. GetStudent
   d. RemoveStudent
   e. Override __str__ Method