UML class box for EmailAddress and Seminar

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| Order line for EmailAddress |
| * firstName : String * lastName : String * userID : int * domain : String |
| + getFirstName() : String  + getLastName() : String  + getUserID() : int  + getDomain() : String  + getRealName() : String  + getEmail() : String  + setFirstName(String firstName): void  + setLastName(String lastName) : void  +setUserID(int userID) : void  +setDomain(String domain) : void  +toString() : String  +equals(Object obj) : boolean |

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| Order line for Seminar |
| * seminarTitle: String * seminarDate: String * students: String |
| + clear() : void  + deregister(EmailAddress email): boolean  + equals(Object obj) : boolean  + getSeminarTitle() : String  + getSize() : int  + getStudents() : ArrayList <EmailAddress>  + isEmpty() : boolean  + list(EmailAddress email) boolean  + register(EmailAddress email) boolean  + setSeminarDate(String seminarDate): void  + setSeminarTitle(String seminarTitle): void  + setStudents(ArrayList<EmailAddress> students) : void  + toString() : String |

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| EmailAddress | An email address is made up of a real name which comprise of a first name and last name, then a user id and a domain. |
| //Fields­­­­­  firstName  lastName  domain  userID | first name  last name  domain,  identity |
| //Constructors  EmailAddress()  EmailAddress(String firstName, String lastName, int userID) | Default  Custom |
| //Methods  equals​(Object obj)  getDomain()  getEmail()  getFirstName()  getLastName()  getRealName()  getUserID()  setDomain​(String domain)  setFirstName​(String firstName)  setLastName​(String lastName)  setUserID​(int userID)  toString() | Compares this EmailAddress to the specified object.  Gets the domain  Returns the current value of the EmailAddress  Gets the First name  Gets the last name  Gets the Real name  Gets the ID  Sets the value of domain  Sets the value of first name  Sets the value of last  Sets the value of userID  returns the textual representation of the EmailAddress. |

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| Seminar | Seminar class with title, date and students. Students are an aggregation of the EmailAddress class |
| //Fields­­­­­  seminarTitle  seminarDate  students | Title  Date  Students |
| //Constructors  Seminar()  Seminar​(String seminarTitle, String seminarDate, ArrayList<EmailAddress> students) | Default  Custom |
| //Methods  clear()  deregister​(EmailAddress email)  equals​(Object obj)  getSeminarDate()  getSeminarTitle()  getSize()  getStudents()  isEmpty()  list​(EmailAddress email)  register​(EmailAddress email)  setSeminarDate​(String seminarDate)  setSeminarTitle​(String seminarTitle)  setStudents​(ArrayList<EmailAddress> students)  toString() | To clear existing data  Remove any student  Compares this seminar.  Gets the date  Gets the title  get the students size  Gets the value of students  to know if it has an element  for a capacity  To register an email.  Sets the value of seminar's date  Sets the value of seminar's title  Sets the value of students  Returns a textual representation of the seminar title, date and ArrayList of students email to be present. |