```
student added successfully
student added successfully
Student Information:
  ID      : 1
  Name    : Alice
  Email   : alice@gmail
  Grades  : {}
  Courses: set()
-------------------------

Student Information:
  ID      : 2
  Name    : Bob
  Email   : bob@gmail
  Grades  : {}
  Courses: set()
-------------------------

Student Information:
  ID      : 1
  Name    : Alice
  Email   : alice@gmail
  Grades  : {}
  Courses: set()
-------------------------

course enrolled successfully
student updated successfully
student deleted successfully
Student Information:
  ID      : 1
  Name    : Alice
  Email   : alice_new@gmail
  Grades  : {'Math': 'A'}
  Courses: {'Math'}
-------------------------
```