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1 #Quiz 2
2 #Md Danial Islam
3 #20101534
4 #Sec: 01
5
6 class Student:
7     def __init__(self,name=""):
8         self.name = name
9         self.courses = {}
10    def setName(self,name):
11        self.name = name
12
13    def addCourse(self,*course):
14        if (self.name == ""):
15            print("A course can not be added without student name")
16        else:
17            if ( course[1] in self.courses.keys() ):
18                self.courses[course[1]].append(course[0])
19            else:
20                self.courses[course[1]] = [course[0]]
21
22        #course = course[1] + ": " + course[0]
23        #self.courses.append(course)
24
25    def printDetail(self):
26        print("Number of Course(s): {}\nStudent Name: {}".format(len(self.courses),self.name))
27        for c_name,c_code in self.courses.items():
28            code = ""
29            for item in c_code:
30                code += item+", "
31            code = code[:-2]
32            print(c_name +": " + code)
33
34 s1 = Student()
35 print("=====")
36 s1.addCourse("CSE110", "Computer Science")
37 print("=====")
38 s1.setName("Bob")
39 s1.addCourse("CSE110", "Computer Science")
40 s1.printDetail()
41 print("=====")
42 s2 = Student("Carol")
43 s2.addCourse("CSE111", "Computer Science")
44 s2.addCourse("MAT110", "Mathematics")
45 print("=====")
46 s2.printDetail()
47 s2.addCourse("CSE230", "Computer Science")
48 print("=====")
49 s2.printDetail()
50 print("=====")
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✓ 0s completed at 5:46 PM

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