class Student:

def \_init\_(self, name, id):

self.name = name

self.id = id

self.courses = []

def getName(self):

return self.name

def setName(self, name):

self.name = name

def getId(self):

return self.id

def setId(self, id):

self.id = id

def getCourses(self):

return self.courses

def addCourse(self, course):

self.courses.append(course)

def printInfo(self):

print("Name:", self.name)

print("ID:", self.id)

print("Courses:", ", ".join(self.courses))

class GraduateStudent(Student):

def \_init\_(self, name, id, researchArea):

super().\_init\_(name, id)

self.researchArea = researchArea

def getResearchArea(self):

return self.researchArea

def setResearchArea(self, researchArea):

self.researchArea = researchArea

def printInfo(self):

super().printInfo()

print("Research Area:", self.researchArea)