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1. CRUD Operations:
      - Introduciton
      - Importance
2. QuerySet:
      - lazy evaluation
      - retrieving objects
      - chaining filters
      query related objects(fk)
      - aggreagation and annotation
      - ordering
      - pagination
3. Django Simple Queries:
      - Default Object Manager: 'objects'
      - Create, Select, Update and Delete
            - Updating a record from the DB table:
                  def update_first_employee():
                        first_employee = Employee.objects.first()
                        first_employee.job_level = 'Sr.'
                        first_employee.save()
      - Common Object Manager Methods:
            all()
            - first()
            - last()
            - get(**kwargs)
            - crete(**kwargs)
            - filter(**kwargs)
            exclude(**kwargs)order_by(*fields)
            - create()
            - save()
4. Django Shell and SQL Logging
#1.
from main_app.models import Student
def add_students():
    Student.objects.create(
        student_id='FC5204',
        first_name='John',
        last_name='Doe',
        birth_date='1995/05/15',
        email='john.doe@university.com',
    )
    student2 = Student(
        student_id='FE0054',
        first_name='Jane',
        last_name='Smith',
        email='jane.smith@university.com',
    student2.save()
    Student.objects.create(
        student_id='FH2014',
        first_name='Alice',
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last_name='Johnson',
        birth_date='1998/02/10',
        email='alice.johnson@university.com',
    )
   Student.objects.create(
        student_id='FH2015',
        first_name='Bob',
        last_name='Wilson'
        birth_date='1996/11/25',
        email='bob.wilson@university.com',
    )
#2.
def get_student_info():
    students_data = []
    for student in Student.objects.all():
        students_data.append(
            f"Student N:{student.student_id}:"
            f"{student.first_name} "
            f"{student.last_name};"
            f"Email: {student.email}"
        )
    return "\n".join(students_data)
print(get_student_info())
#3.
def update_students_emails():
    for student in Student.objects.all:
        new_email = student.email.replace('university.com', 'uni-students.com')
        student.email = new_email
        student.save()
#4.
def truncate_students():
    Student.objects.all().delete()
```