What is an ORM?

In the following code snippet, what is the role of ‘models.Model’ ?

class Student(models.Model):

name = models.CharField(max\_length=255)

What would you store in each of the following fields?

|  |  |
| --- | --- |
| models.CharField(max\_length=255) |  |
| models.TextField(max\_length=1000) |  |
| models.IntegerField() |  |
| models.BooleanField() |  |
| models.DateTimeField() |  |
| models.DateTimeField(auto\_now\_add=True) | created\_at |
| models.DateTimeField(auto\_now=True) | updated\_at |
| models.ForeignKey(Owner, related\_name="pets") |  |
| models.ManyToManyField(Actor, related\_name="movies") |  |

What would each of the following queries do?

|  |  |
| --- | --- |
| Student.objects.all() |  |
| Student.objects.create(name=“Test”) |  |
| Student.objects.get(id=1) |  |
| Student.objects.filter(id=1) |  |
| Student.objects.first().update(name=”New”) |  |
| Student.objects.get(id=1).delete() |  |