

1.

```
In [25]: coffee = Recipe(
...:     name = "Coffee",
...:     cooking_time = 5,
...:     ingredients = "coffee powder, sugar, water"
...: )

In [26]: session.add(coffee)

In [27]: session.commit()

In [28]: cake = Recipe(
...:     name = "Cake",
...:     cooking_time = 50,
...:     ingredients = "sugar, butter, eggs, vanilla essence, flour, bak
...: ing powder, milk"
...: )

In [29]: session.add(cake)

In [30]: session.commit()

In [31]: banana_smoothie = Recipe(
...:     name = "Banana Smoothie",
...:     cooking_time = 5,
...:     ingredients = "bananas, milk, peanut butter, sugar, ice cubes"
...: )

In [32]: session.add(banana_smoothie)

In [33]: session.commit()
```

```
mysql> SELECT * FROM practice_recipes;
+----+-----+-----+-----+-----+
| id | name       | ingredients                                     | cooking_time | difficulty |
+----+-----+-----+-----+-----+
| 1  | Tea        | tea leaves, water, sugar                       | 5            | NULL      |
| 2  | Coffee     | coffee powder, sugar, water                    | 5            | NULL      |
| 3  | Cake       | sugar, butter, eggs, vanilla essence, flour, baking powder, milk | 50           | NULL      |
| 4  | Banana Smoothie | bananas, milk, peanut butter, sugar, ice cubes | 5            | NULL      |
+----+-----+-----+-----+-----+
4 rows in set (0.01 sec)
```

2.

```
In [13]: session.query(Recipe).filter(Recipe.ingredients.like('%sugar
...: %')).all()
Out[13]:
[<Recipe ID: 1-Tea>,
 <Recipe ID: 2-Coffee>,
 <Recipe ID: 3-Cake>,
 <Recipe ID: 4-Banana Smoothie>]
```

3.

```
In [21]: recipes_list[2].ingredients
Out[21]: 'sugar, butter, eggs, vanilla essence, flour, baking powder,
milk'

In [22]: recipes_list[2].ingredients += ', chocolate powder'

In [23]: recipes_list[2].ingredients
Out[23]: 'sugar, butter, eggs, vanilla essence, flour, baking powder,
milk, chocolate powder'
```