

Tasks – Part I (III/III)

Inserts/Updates

16. Add a new product: *Loudspeakers, \$70, manufacturer 2*.
17. Update the name of product 8 to "Laser Printer".
18. Apply a 10% discount to all products.
19. Apply a 10% discount to all products with a price larger than or equal to \$120.



Tasks – Part I (III/III)

Inserts/Updates

16. Add a new product: Loudspeakers, \$70, manufacturer 2.

```
In [166... INSERT INTO products (code, name, price, manufacturer)  
VALUES (11, 'Loudspeakers', 70, 2);
```

INSERT 0 1

Total execution time: 00:00:00.004

```
In [167... SELECT * FROM products;
```

(11 row(s) affected)

Total execution time: 00:00:00.012

```
Out [167... code name price manufacturer
```

1	Hard drive	240	5
2	Memory	120	6
3	ZIP drive	150	4
4	Floppy disk	5	6
5	Monitor	240	1
6	DVD drive	180	2
7	CD drive	90	2
8	Printer	270	3
9	Toner cartridge	66	3
10	DVD burner	180	2
11	Loudspeakers	70	2

17. Update the name of product 8 to "Laser Printer".

```
In [168... UPDATE products  
SET name = 'Laser Printer'  
WHERE code = 8;
```

UPDATE 1

Total execution time: 00:00:00.005

```
In [169... SELECT * FROM products;
```

(11 row(s) affected)

Total execution time: 00:00:00.015

Out[169...]

code	name	price	manufacturer
1	Hard drive	240	5
2	Memory	120	6
3	ZIP drive	150	4
4	Floppy disk	5	6
5	Monitor	240	1
6	DVD drive	180	2
7	CD drive	90	2
9	Toner cartridge	66	3
10	DVD burner	180	2
11	Loudspeakers	70	2
8	Laser Printer	270	3

18. Apply a 10% discount to all products.

In [170...]

```
UPDATE products
SET price = price * 0.9;
```

UPDATE 11

Total execution time: 00:00:00.005

In [171...]

```
SELECT * FROM products;
```

(11 row(s) affected)

Total execution time: 00:00:00.018

Out[171...]

code	name	price	manufacturer
1	Hard drive	216	5
2	Memory	108	6
3	ZIP drive	135	4
4	Floppy disk	4.5	6
5	Monitor	216	1
6	DVD drive	162	2
7	CD drive	81	2
9	Toner cartridge	59.4	3
10	DVD burner	162	2
11	Loudspeakers	63	2
8	Laser Printer	243	3

19. Apply a 10% discount to all products with a price larger than or equal to \$120.

In [172...]

```
UPDATE products
SET price = price * 0.9
WHERE price >= 120;
```

UPDATE 6

Total execution time: 00:00:00.011

```
In [173]: SELECT * FROM products;
```

(11 row(s) affected)

Total execution time: 00:00:00.013

```
Out[173]: code      name   price  manufacturer
```

2	Memory	108	6
4	Floppy disk	4.5	6
7	CD drive	81	2
9	Toner cartridge	59.4	3
11	Loudspeakers	63	2
1	Hard drive	194.4	5
3	ZIP drive	121.5	4
5	Monitor	194.4	1
6	DVD drive	145.8	2
10	DVD burner	145.8	2
8	Laser Printer	218.7	3