

Technical Task 2

Table creation and insertion

```
CREATE TABLE category (  
    id int(20) unsigned NOT NULL AUTO_INCREMENT,  
    title varchar(300) NOT NULL,  
    parent_id int(20) unsigned DEFAULT NULL,  
    PRIMARY KEY (id),  
    FOREIGN KEY (parent_id) REFERENCES category (id)  
    ON DELETE CASCADE ON UPDATE CASCADE  
);
```

Creating Root Node

```
INSERT INTO category(title,parent_id)  
VALUES('Electronics',NULL);
```

Insertion

```
INSERT INTO category(title,parent_id)  
VALUES('Laptops & PC',1);
```

```
INSERT INTO category(title,parent_id)  
VALUES('Laptops',2);
```

```
INSERT INTO category(title,parent_id)  
VALUES('PC',2);
```

```
INSERT INTO category(title,parent_id)  
VALUES('Cameras & photo',1);
```

```
INSERT INTO category(title,parent_id)  
VALUES('Camera',5);
```

```
INSERT INTO category(title,parent_id)
VALUES('Phones & Accessories',1);
```

```
INSERT INTO category(title,parent_id)
VALUES('Smartphones',7);
```

```
INSERT INTO category(title,parent_id)
VALUES('Android',8);
```

```
INSERT INTO category(title,parent_id)
VALUES('iOS',8);
```

```
INSERT INTO category(title,parent_id)
VALUES('Other Smartphones',8);
```

```
INSERT INTO category(title,parent_id)
VALUES('Batteries',7);
```

```
INSERT INTO category(title,parent_id)
VALUES('Headsets',7);
```

```
INSERT INTO category(title,parent_id)
VALUES('Screen Protectors',7);
```