Laboratory work #8

Please write SQL queries for following tasks and save as .sql file.

1. Create index for queries like below:

```sql
SELECT * FROM countries WHERE name = 'string';
```

2. Create index for queries like below:

```sql
SELECT * FROM employees WHERE name =
'string' AND surname = 'string';
```

3. Create unique index for queries like below:

```sql
SELECT * FROM employees WHERE salary < value1
AND salary > value2;
```

4. Create index for queries like below:

```sql
SELECT * FROM employees WHERE substring(name
from 1 for 4) = 'abcd';
```

5. Create index for queries like below:

```sql
SELECT * FROM employees e JOIN departments
d ON d.department_id = e.department_id WHERE
```

```
d.budget > value2 AND e.salary < value2;
```

6. create an R-tree index on table employees, use a command of the form

```
CREATE INDEX name ON table USING RTREE
(column);
```

7. create a hash index on table departments

```
CREATE INDEX name ON table USING HASH (column);
```

8. create UNIQUE INDEX on table countries

```
CREATE UNIQUE INDEX name ON table (column [,
...]);
```