Database Programming - Project_2

- Data base programming Indices + config commands file

- **Query_1:**

  CREATE INDEX idx_query_1 on film USING BTREE (length)

- **Query_2:**

  CREATE INDEX idx_cat_id on category USING BTREE (category_id);
  CREATE INDEX idx_filmcat_id on film USING BTREE (film_id);
  CREATE INDEX idx_cat_name on category USING BTREE (name)

- **Query_3:**

  CREATE INDEX idx_actor_id on actor USING BTREE (actor_id);
  CREATE INDEX idx_act_frname on actor USING BTREE (first_name);
  CREATE INDEX idx_act_laname on actor USING BTREE (last_name)

- **Query_4:**

  CREATE INDEX idx_cat2_id on category USING BTREE (category_id);
  CREATE INDEX idx_film_id on film USING BTREE (film_id);
  CREATE INDEX idx_cat_name2 on category USING BTREE (name);
  CREATE INDEX idx_rental on film USING BTREE (rental_duration)

- **Query_5:**

  CREATE INDEX idx_cus_id on customer USING BTREE (customer_id);
  CREATE INDEX idx_fir_name on customer USING BTREE (first_name);
  CREATE INDEX idx_las_name on customer USING BTREE (last_name);
  CREATE INDEX idx_amount on payment USING BTREE (amount);
  CREATE INDEX idx_payment_date on payment USING HASH (payment_date)

  set enable_hashaff = off;

- **Query_6:**

  CREATE INDEX idx_actor_firname on actor USING BTREE (first_name)

set enable_seqscan = off;

- **Query_7:**

    CREATE INDEX idx_last_name on actor USING HASH (last_name)

    set enable_seqscan = off;

- **Query_8:**

    CREATE INDEX idx_country on country USING HASH (country);
    set enable_seqscan = off;

- **Query_9:**

    create index idx_last_nameac on actor using BTREE (last_name);
    set enable_hashagg = off;

- **Query_10:**

    create index idx_frac_name on actor using HASH (first_name);
    create index idx_lasac_name on actor using HASH (last_name);
    set enable_hashaff = off;

- **Query_11:**

    create index idx_firname_act on actor using HASH (first_name);
    create index idx_lasname_act on actor using HASH (last_name)
    set enable_seqscan = off;

- **Query_12:**

    create index idx_address on address USING BTREE (address_id);
    set enable_hashjoin = off;

- **Query13:**

    create index idx_staff_id on staff using BTREE (staff_id)
    set enable_hashagg = off;

- **Query_14:**

    create index idx_address on address using BTREE (address_id);
    create index idx_city_id on city using HASH (city_id);
    create index idx_country on country using HASH (country);
    create index idx_lastname on customer using BTREE (last_name);

- **Quer_15:**

  create index idx_filmid on film using BTREE (film_id);
  create index idx_catid on category using BTREE (category_id);
  set enable_seqscan = off;

- **Query_16:**

  create index idx_store on store using BTREE (store_id);
  create index idx_staffid on staff using BTREE (staff_id)

- **Query_17:**

  create index idx_cat on category using BTREE (category_id);
  create index idx_film on film using BTREE (film_id);
  create index idx_inv on inventory using BTREE (inventory_id);
  create index idx_rental on rental using BTREE (rental_id);
  set enable_hashjoin = off;

- **Query_18:**

  create index idx_cat on category using BTREE (category_id);
  create index idx_film on film_category using BTREE (film_id);
  create index idx_inv on inventory using BTREE (inventory_id);
  create index idx_rental on rental using BTREE (rental_id)
  set enable_hashjoin = off;

- **Query_19:**

  create index idx_catid on category using BTREE (category_id);
  create index idx_filmid on film using BTREE (film_id);
  create index idx_actorid on actor using BTREE (actor_id);
  create index idx_lang on language using BTREE (language_id);