

```
1 C:\Users\Elamparithi\PycharmProjects\Utube_DHW_5\.  
  venv\Scripts\python.exe C:\Users\Elamparithi\  
  PycharmProjects\Utube_DHW_5\alchemy_process\create_db  
  .py  
2 Connection URL: mysql+pymysql://guvi_user:1king#lanka  
  @localhost:3306  
3 Connection Schema: guvi_orm05hj  
4 Schema 'guvi_orm05hj' created successfully.  
5 Connection closed.  
6 2024-11-08 22:56:40,575 INFO sqlalchemy.engine.Engine  
  SELECT DATABASE()  
7 2024-11-08 22:56:40,576 INFO sqlalchemy.engine.Engine  
  [raw sql] {}  
8 2024-11-08 22:56:40,579 INFO sqlalchemy.engine.Engine  
  SELECT @@sql_mode  
9 2024-11-08 22:56:40,579 INFO sqlalchemy.engine.Engine  
  [raw sql] {}  
10 2024-11-08 22:56:40,581 INFO sqlalchemy.engine.Engine  
  SELECT @@lower_case_table_names  
11 2024-11-08 22:56:40,581 INFO sqlalchemy.engine.Engine  
  [raw sql] {}  
12 2024-11-08 22:56:40,584 INFO sqlalchemy.engine.Engine  
  BEGIN (implicit)  
13 2024-11-08 22:56:40,584 INFO sqlalchemy.engine.Engine  
  DESCRIBE `guvi_orm05hj`.`channels`  
14 2024-11-08 22:56:40,584 INFO sqlalchemy.engine.Engine  
  [raw sql] {}  
15 2024-11-08 22:56:40,589 INFO sqlalchemy.engine.Engine  
  DESCRIBE `guvi_orm05hj`.`playlists`  
16 2024-11-08 22:56:40,589 INFO sqlalchemy.engine.Engine  
  [raw sql] {}  
17 2024-11-08 22:56:40,592 INFO sqlalchemy.engine.Engine  
  DESCRIBE `guvi_orm05hj`.`videos`  
18 2024-11-08 22:56:40,592 INFO sqlalchemy.engine.Engine  
  [raw sql] {}  
19 2024-11-08 22:56:40,594 INFO sqlalchemy.engine.Engine  
  DESCRIBE `guvi_orm05hj`.`comments`  
20 2024-11-08 22:56:40,595 INFO sqlalchemy.engine.Engine  
  [raw sql] {}  
21 2024-11-08 22:56:40,599 INFO sqlalchemy.engine.Engine
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22 CREATE TABLE channels (  
23     channel_id VARCHAR(255) NOT NULL COMMENT 'Unique  
    identifier for the table',  
24     channel_name VARCHAR(255) NOT NULL COMMENT 'Name  
    of the channel',  
25     channel_type VARCHAR(255) NOT NULL COMMENT 'Type  
    of the channel',  
26     channel_views BIGINT NOT NULL COMMENT 'Total  
    number of views for the channel',  
27     channel_description TEXT NOT NULL COMMENT '  
    Description of the channel',  
28     channel_status VARCHAR(255) NOT NULL COMMENT '  
    Status of the channel',  
29     PRIMARY KEY (channel_id),  
30     UNIQUE (channel_id)  
31 )  
32  
33  
34 2024-11-08 22:56:40,599 INFO sqlalchemy.engine.Engine  
    [no key 0.00038s] {}  
35 2024-11-08 22:56:40,760 INFO sqlalchemy.engine.Engine  
  
36 CREATE TABLE playlists (  
37     playlist_id VARCHAR(255) NOT NULL COMMENT 'Unique  
    identifier for the playlist',  
38     channel_id VARCHAR(255) COMMENT ' channel table  
    ',  
39     playlist_name VARCHAR(255) COMMENT 'Name of the  
    playlist',  
40     PRIMARY KEY (playlist_id),  
41     FOREIGN KEY(channel_id) REFERENCES channels (  
    channel_id)  
42 )  
43  
44  
45 2024-11-08 22:56:40,760 INFO sqlalchemy.engine.Engine  
    [no key 0.00035s] {}  
46 2024-11-08 22:56:40,830 INFO sqlalchemy.engine.Engine  
    CREATE INDEX ix_playlists_playlist_id ON playlists (  
    playlist_id)  
47 2024-11-08 22:56:40,830 INFO sqlalchemy.engine.Engine
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47 [no key 0.00035s] {}
48 2024-11-08 22:56:41,186 INFO sqlalchemy.engine.Engine

49 CREATE TABLE videos (
50     id INTEGER COMMENT 'Primary key ID for unique
    identification',
51     video_id VARCHAR(255) NOT NULL COMMENT 'Unique
    identifier for the video',
52     `playlist_ID` VARCHAR(255) COMMENT 'Foreign key
    referencing the playlist table',
53     channel_id VARCHAR(255) COMMENT ' channel table
    ',
54     video_name VARCHAR(255) NOT NULL COMMENT 'Name of
    the video',
55     video_description TEXT COMMENT 'Description of
    the video',
56     published_date DATETIME NOT NULL COMMENT 'Date
    and time when the video was published',
57     view_count INTEGER NOT NULL COMMENT 'Total number
    of views for the video',
58     like_count INTEGER NOT NULL COMMENT 'Total number
    of likes for the video',
59     dislike_count INTEGER NOT NULL COMMENT 'Total
    number of dislikes for the video',
60     favorite_count INTEGER NOT NULL COMMENT 'Total
    number of times the video has been marked as a
    favorite',
61     comment_count INTEGER NOT NULL COMMENT 'Total
    number of comments on the video',
62     duration INTEGER NOT NULL COMMENT 'Duration of
    the video in seconds',
63     thumbnail VARCHAR(255) COMMENT 'URL of the
    thumbnail for the video',
64     caption_status VARCHAR(255) COMMENT 'Status of
    the video caption',
65     PRIMARY KEY (video_id),
66     FOREIGN KEY(`playlist_ID`) REFERENCES playlists (
    playlist_id),
67     FOREIGN KEY(channel_id) REFERENCES channels (
    channel_id)
68 )
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69
70
71 2024-11-08 22:56:41,186 INFO sqlalchemy.engine.
    Engine [no key 0.00036s] {}
72 2024-11-08 22:56:41,268 INFO sqlalchemy.engine.
    Engine CREATE INDEX ix_videos_video_id ON videos (
        video_id)
73 2024-11-08 22:56:41,268 INFO sqlalchemy.engine.
    Engine [no key 0.00036s] {}
74 2024-11-08 22:56:41,319 INFO sqlalchemy.engine.
    Engine
75 CREATE TABLE comments (
76     id INTEGER NOT NULL COMMENT 'Primary key ID for
    unique identification' AUTO_INCREMENT,
77     comment_id VARCHAR(255) NOT NULL COMMENT 'Unique
    identifier for the comment',
78     video_id VARCHAR(255) COMMENT 'Foreign key
    referencing the video table',
79     comment_text TEXT NOT NULL COMMENT 'Text of the
    comment',
80     comment_author VARCHAR(255) NOT NULL COMMENT '
    Name of the comment author',
81     comment_published_date DATETIME NOT NULL COMMENT
    'Date and time when the comment was published',
82     PRIMARY KEY (id),
83     FOREIGN KEY(video_id) REFERENCES videos (
        video_id)
84 )
85
86
87 2024-11-08 22:56:41,319 INFO sqlalchemy.engine.
    Engine [no key 0.00039s] {}
88 2024-11-08 22:56:41,376 INFO sqlalchemy.engine.
    Engine CREATE INDEX ix_comments_video_id ON comments
        (video_id)
89 2024-11-08 22:56:41,377 INFO sqlalchemy.engine.
    Engine [no key 0.00052s] {}
90 2024-11-08 22:56:41,593 INFO sqlalchemy.engine.
    Engine COMMIT
91 all Tables created.
92
```

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93 Process finished with exit code 0
94
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