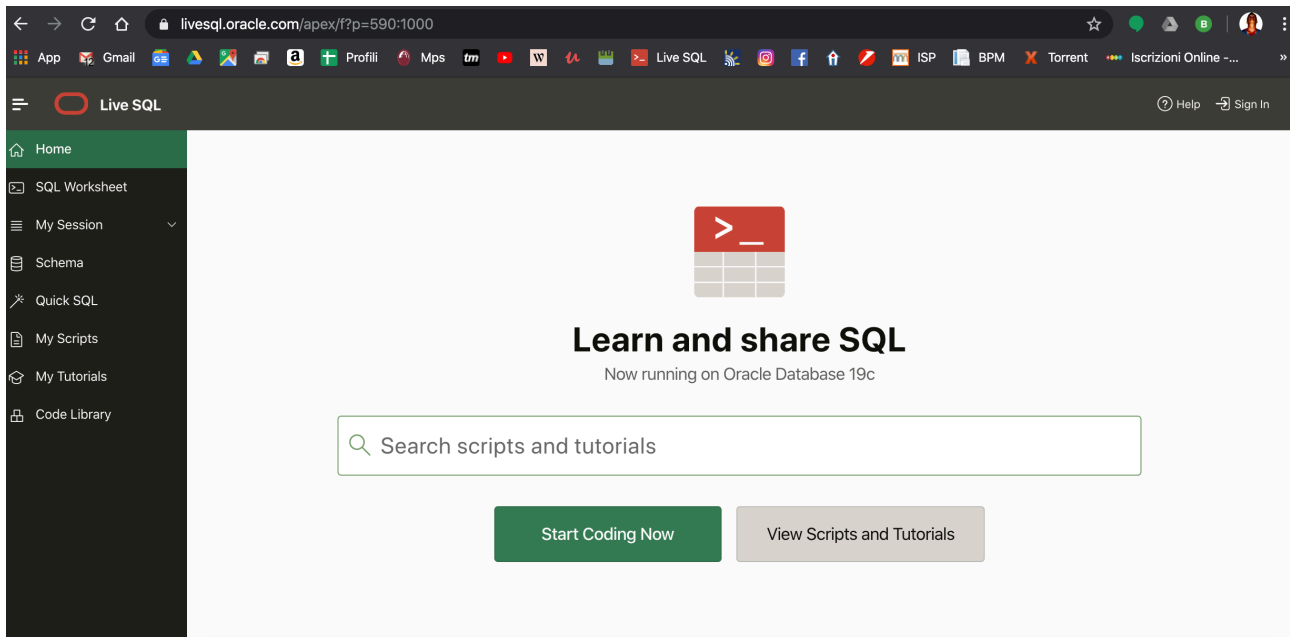


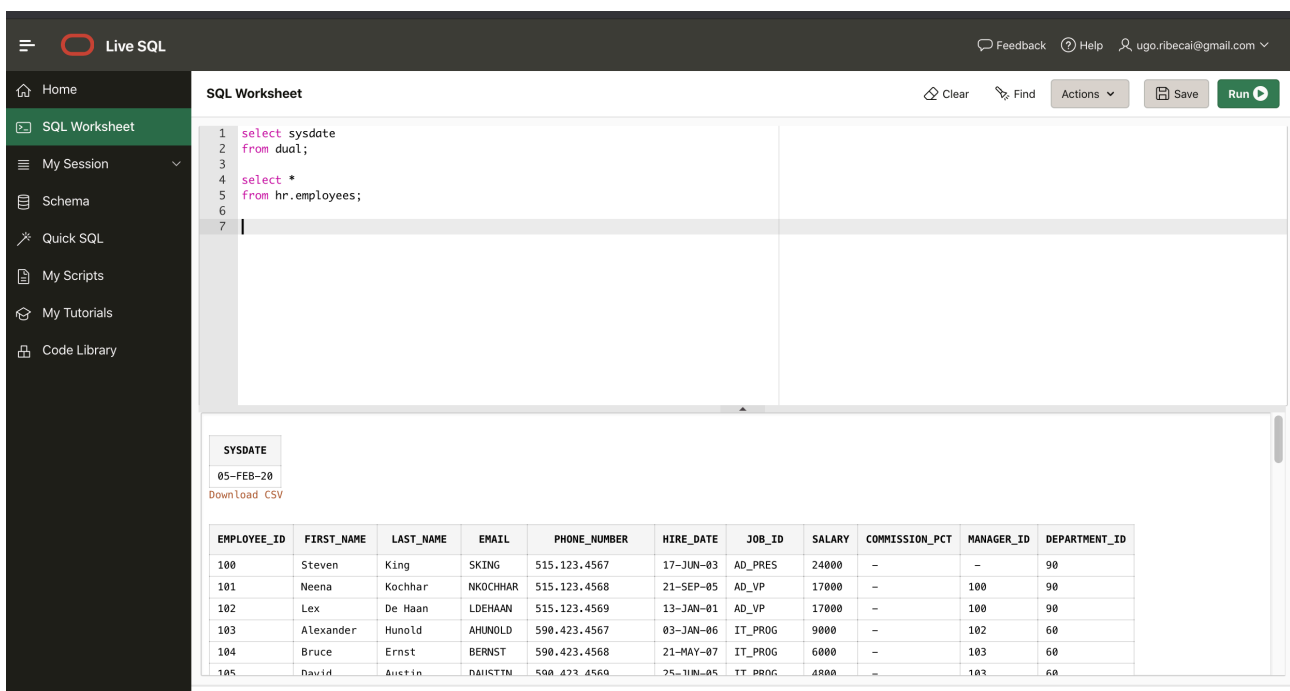
Collegarsi su Oracle Live Sql:

<https://livesql.oracle.com/apex/f?p=590:1000>



In alto a destra, procedere alla iscrizione tramite la creazione di un account gratuito Oracle (da farsi possibilmente come "studente" dando la propria "gmail" per evitare pubblicità invasive).

Tramite SQL WORKSHEET potete lavorare con Sql come se aveste installato Oracle. Per eseguire i comandi basta premere "run" o "control + invio"



Come potete vedere lo schema HR è già presente e utilizzabile mettendo come prefisso "HR.nometabella".

Mentre il "nostro" schema è "vuoto" (ha solo alcuni sinonimi pubblici, ma nessuna tabella o vista).

The screenshot shows the Live SQL interface. On the left is a sidebar with navigation options: Home, SQL Worksheet (selected), My Session, Schema, Quick SQL, My Scripts, My Tutorials, and Code Library. The main area is titled 'SQL Worksheet' and contains a query editor with the following SQL code:

```

1 select sysdate
2 from dual;
3
4 select *
5 from hr.employees;
6
7 select *
8 from tab;
9
10

```

Below the query editor, there is a table showing synonyms:

TNAME	TABTYPE	CLUSTERID
DBMS_XPLAN	SYNONYM	-
V\$SESSION	SYNONYM	-
V\$SQL	SYNONYM	-
V\$SQLSTATS	SYNONYM	-
V\$SQL_PLAN	SYNONYM	-
V\$SQL_PLAN_STATISTICS_ALL	SYNONYM	-

A questo punto per esercitarsi con lo schema HR abbiamo due strade:

1. Mettiamo sempre "HR." Prima di lavorare sulle "tabelle di HR"
2. Eseguiamo lo script di creazione di HR all'interno del nostro schema (vuoto). In questo caso dobbiamo andare nella sezione "Code Library", cercare lo script "HR" ed eseguirlo (è il terzo della seguente immagine):

The screenshot shows the Live SQL 'Code Library' interface. It features a sidebar with navigation options: Home, SQL Worksheet, My Session, Schema, Quick SQL, My Scripts, My Tutorials, and Code Library (selected). The main area displays a list of scripts with search filters and sorting options.

Search Scripts & Tutorials

Area: All

Types: ☒ All, ☐ Tutorials, ☐ Scripts

Sort By: ☐ Date Added, ☒ Executions, ☐ Name, ☐ Likes

☐ Show Liked Only

Results Per Page: 60

The list of scripts includes:

- Introduction to SQL** (Tutorial, 212 likes, 103,300 views, 4.3 years ago, Mike Hichwa (Oracle))
- EMP and DEPT** (Script, 460 likes, 59,941 views, 4.3 years ago, Mike Hichwa (Oracle))
- HR Objects and Data For Live SQL** (Script, 138 likes, 18,736 views, 1.6 years ago, Oracle)
- PL/SQL Anonymous Blocks** (Tutorial, 36 likes, 16,874 views, 4.3 years ago, Mike Hichwa (Oracle))
- Subqueries: Databases for Developers** (Tutorial, 54 likes, 12,043 views, 1.6 years ago, Chris Saxon (Oracle))

Si esegue lo script ...

The screenshot shows the 'Live SQL' interface with the 'Code Library' tab selected. The main area displays a script titled 'HR Objects and Data For Live SQL'. The script description states it creates HR Sample Schema objects and data. The 'Area' is 'SQL General', the 'Contributor' is 'Oracle', and the 'Share Link' is provided. The 'Metrics' section shows 138 Likes, 18,736 Executions, and creation details. The 'Statement 1' section contains a 'Copyright' script.

```

begin
  dbms_output.put_line('Copyright (c) 2018, Oracle and/or its affiliates. All rights reserved. ');
  dbms_output.put_line('Permission is hereby granted, free of charge, to any person obtaining ');
  dbms_output.put_line('a copy of this software and associated documentation files (the ');
  
```

A questo punto, tornando nel SQL Worksheet abbiamo ricreato HR all'interno del nostro schema:

The screenshot shows the 'Live SQL' interface with the 'SQL Worksheet' tab selected. The query entered is:

```

1 select *
2 from employees;
  
```

The results are displayed in a table with the following data:

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER	HIRE_DATE	JOB_ID	SALARY	COMMISSION_PCT	MANAGER_ID	DEPARTMENT_ID
100	Steven	King	SKING	515.123.4567	17-JUN-03	AD_PRES	24000	-	-	90
101	Neena	Kochhar	NKOCHHAR	515.123.4568	21-SEP-05	AD_VP	17000	-	100	90
102	Lex	De Haan	LDEHAAN	515.123.4569	13-JAN-01	AD_VP	17000	-	100	90
103	Alexander	Humold	AHUMOLD	590.423.4567	03-JAN-06	IT_PROG	9000	-	102	60
104	Bruce	Ernst	BERNST	590.423.4568	21-MAY-07	IT_PROG	6000	-	103	60

The screenshot shows the 'Live SQL' interface with the 'SQL Worksheet' tab selected. The query entered is:

```

1 select *
2 from employees;
3
4 select *
5 from tab
6 where tabtype='TABLE';
  
```

The results are displayed in a table with the following data:

TNAME	TABTYPE	CLUSTERID
COUNTRIES	TABLE	-
DEPARTMENTS	TABLE	-
EMPLOYEES	TABLE	-
JOBS	TABLE	-
JOB_HISTORY	TABLE	-
LOCATIONS	TABLE	-
REGIONS	TABLE	-

Scegliete voi cosa preferite. **Importante che possiate "lavorare" su HR**

HR

