DB HOTEL

REPO: db-hotel
GOAL: in foglio di testo, scrivere le query necessarie per rispondere ai seguenti quesiti:

1. Selezionare tutti gli ospiti

2. Selezionare tutti gli ospiti con document type = a CI

3. Selezionare i paganti che abbiano un ospite id associato

4. Selezionare tutte le stanze del primo piano

5. Selezionare tutti gli ospiti che iniziano per E

6. Selezionare tutti gli ospiti che abbiano meno di 30 anni

7. Seleziona tutte le prenotazioni precedenti a maggio 2018

NOTA: ricordo che per eseguire il compito e' necessario il corretto funzionamento di PHPMyAdmin (richiesto per domani) e l'importazione del file db-hotel condiviso alle 11.40

1)

Press Ctrl+Enter to execute query

```
> SELECT * FROM ospiti
```

+ Options

	id	name	lastname	date_of_birth	document_type	document_number	created_at	updated_at
Edit Copy Delete	31	Elizabeth	Romaguera	2005-03-12 10:37:05	CI	838-743-2106 x4269	2018-05-28 13:40:27	2018-05-28 13:40:27
Edit Copy Delete	32	Madie	Sanford	1964-04-02 17:51:08	CI	+1-543-639-8712	2018-05-28 13:40:27	2018-05-28 13:40:27
Edit Copy Delete	33	Orion	Hilpert	1975-06-30 18:04:07	Driver License	424.999.8375 x49210	2018-05-28 13:40:27	2018-05-28 13:40:27
Edit Copy Delete	34	Lysanne	Buckridge	1960-01-25 05:59:53	CI	886.221.5466 x374	2018-05-28 13:40:27	2018-05-28 13:40:27
Edit Copy Delete	35	Jessie	Kozey	1982-06-05 06:00:13	CI	468.469.5883	2018-05-28 13:40:27	2018-05-28 13:40:27
Edit Copy Delete	36	Shemar	Keeling	1957-06-14 11:43:50	CI	721-324-9086 x042	2018-05-28 13:40:27	2018-05-28 13:40:27
Edit Copy Delete	37	Edwardo	Pacocha	1959-03-29 01:01:36	CI	1-743-362-6164	2018-05-28 13:40:27	2018-05-28 13:40:27
Edit Copy Delete	38	Delilah	Renner	1922-11-05 18:13:56	Driver License	841.324.4824 x198	2018-05-28 13:40:27	2018-05-28 13:40:27
Edit Copy Delete	39	Jacquelyn	Ankunding	1992-11-19 06:15:10	CI	1-732-298-9263	2018-05-28 13:40:27	2018-05-28 13:40:27
Edit Copy Delete	40	Willie	Borer	1926-12-17 17:48:37	CI	247.970.3935 x1106	2018-05-28 13:40:27	2018-05-28 13:40:27
Edit Copy Delete	41	Tristian	Koss	2003-01-27 03:01:13	Driver License	1-827-946-6491 x7524	2018-05-28 13:40:27	2018-05-28 13:40:27
Edit Copy Delete	42	Kamron	Murphy	2002-12-17 15:29:31	CI	267.993.2963 x05234	2018-05-28 13:40:27	2018-05-28 13:40:27
Edit Copy Delete	43	Helene	Hansen	2000-02-24 12:21:08	Driver License	+1-964-705-7555	2018-05-28 13:40:27	2018-05-28 13:40:27
Edit Copy Delete	44	Charley	Abernathy	1930-04-24 00:12:40	CI	985.370.0304	2018-05-28 13:40:27	2018-05-28 13:40:27
Edit Copy Delete	45	Dion	Leannon	1993-09-22 15:41:21	Driver License	1-326-694-2607	2018-05-28 13:40:27	2018-05-28 13:40:27
Edit Copy Delete	46	Zelda	Johns	1953-04-03 20:58:01	Driver License	285.344.1948	2018-05-28 13:40:27	2018-05-28 13:40:27
Edit Copy Delete	47	Hadley	Collins	1947-06-04 11:31:03	Driver License	+1-514-312-2554	2018-05-28 13:40:27	2018-05-28 13:40:27
Edit Copy Delete	48	Emilie	Grant	2010-12-18 14:22:44	Driver License	719-908-6475	2018-05-28 13:40:27	2018-05-28 13:40:27
Edit Copy Delete	49	Deron	Hand	1953-08-06 18:27:40	Driver License	+14688925868	2018-05-28 13:40:27	2018-05-28 13:40:27
Edit Copy Delete	50	Laurence	Green	2008-12-25 13:42:07	Driver License	(302) 697-0481 x65340	2018-05-28 13:40:27	2018-05-28 13:40:27
Edit Copy Delete	51	Adriana	Abernathy	1952-06-01 03:28:30	Driver License	953.949.4537 x603	2018-05-28 13:40:27	2018-05-28 13:40:27
Edit Copy Delete	52	Tyrel	Murphy	1977-03-02 10:51:34	CI	1-620-470-6907	2018-05-28 13:40:27	2018-05-28 13:40:27
Edit Copy Delete	53	Dandre	Kautzer	1988-05-22 08:37:49	Driver License	1-257-565-5268 x0572	2018-05-28 13:40:27	2018-05-28 13:40:27
Edit Copy Delete	54	Arlo	Keeling	1924-03-09 05:05:51	Driver License	480-402-1713	2018-05-28 13:40:27	2018-05-28 13:40:27
Edit Copy Delete	55	Nikita	Donnelly	2001-12-26 02:54:30	Driver License	(682) 794-3218	2018-05-28 13:40:27	2018-05-28 13:40:27

2)

Press Ctrl+Enter to execute query

> `SELECT name, lastname, document_type FROM ospiti WHERE document_type LIKE 'CI'`

>

+ Options

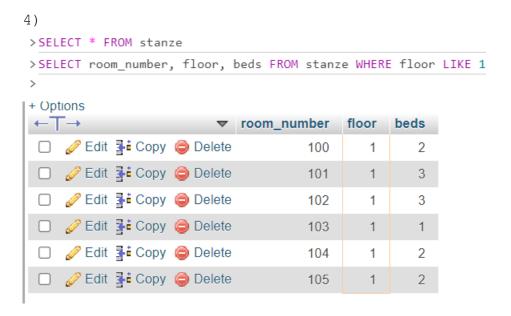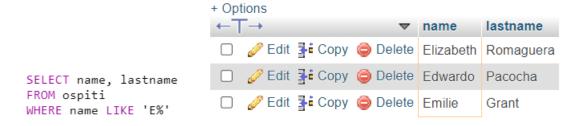|	name	lastname	document_type
☐ 🖉 Edit ⧉ Copy ⊖ Delete	Elizabeth	Romaguera	CI
☐ 🖉 Edit ⧉ Copy ⊖ Delete	Madie	Sanford	CI
☐ 🖉 Edit ⧉ Copy ⊖ Delete	Lysanne	Buckridge	CI
☐ 🖉 Edit ⧉ Copy ⊖ Delete	Jessie	Kozey	CI
☐ 🖉 Edit ⧉ Copy ⊖ Delete	Shemar	Keeling	CI
☐ 🖉 Edit ⧉ Copy ⊖ Delete	Edwardo	Pacocha	CI
☐ 🖉 Edit ⧉ Copy ⊖ Delete	Jacquelyn	Ankunding	CI
☐ 🖉 Edit ⧉ Copy ⊖ Delete	Willie	Borer	CI
☐ 🖉 Edit ⧉ Copy ⊖ Delete	Kamron	Murphy	CI
☐ 🖉 Edit ⧉ Copy ⊖ Delete	Charley	Abernathy	CI
☐ 🖉 Edit ⧉ Copy ⊖ Delete	Tyrel	Murphy	CI
☐ 🖉 Edit ⧉ Copy ⊖ Delete	Gillian	Reichel	CI
☐ 🖉 Edit ⧉ Copy ⊖ Delete	Briana	Cartwright	CI
☐ 🖉 Edit ⧉ Copy ⊖ Delete	Lamar	Koch	CI
☐ 🖉 Edit ⧉ Copy ⊖ Delete	Lafayette	Brakus	CI

3)

Press Ctrl+Enter to execute query

> `SELECT ospite_id, name, lastname FROM paganti`
> `SELECT ospite_id, name, lastname FROM paganti WHERE ospite_id IS NOT NULL`

>

+ Options

	ospite_id	name	lastname
☐ 🖉 Edit ⧉ Copy ⊖ Delete	31	Elizabeth	Romaguera
☐ 🖉 Edit ⧉ Copy ⊖ Delete	32	Madie	Sanford
☐ 🖉 Edit ⧉ Copy ⊖ Delete	33	Orion	Hilpert
☐ 🖉 Edit ⧉ Copy ⊖ Delete	34	Lysanne	Buckridge
☐ 🖉 Edit ⧉ Copy ⊖ Delete	36	Shemar	Keeling
☐ 🖉 Edit ⧉ Copy ⊖ Delete	38	Delilah	Renner
☐ 🖉 Edit ⧉ Copy ⊖ Delete	40	Willie	Borer
☐ 🖉 Edit ⧉ Copy ⊖ Delete	40	Willie	Borer
☐ 🖉 Edit ⧉ Copy ⊖ Delete	42	Kamron	Murphy
☐ 🖉 Edit ⧉ Copy ⊖ Delete	45	Dion	Leannon
☐ 🖉 Edit ⧉ Copy ⊖ Delete	49	Deron	Hand
☐ 🖉 Edit ⧉ Copy ⊖ Delete	52	Tyrel	Murphy
☐ 🖉 Edit ⧉ Copy ⊖ Delete	56	Gillian	Reichel
☐ 🖉 Edit ⧉ Copy ⊖ Delete	59	Lamar	Koch

4)

```
> SELECT * FROM stanze
> SELECT room_number, floor, beds FROM stanze WHERE floor LIKE 1
>
```

+ Options

←T→				room_number	floor	beds
☐	🖉 Edit	⌗ Copy	⊘ Delete	100	1	2
☐	🖉 Edit	⌗ Copy	⊘ Delete	101	1	3
☐	🖉 Edit	⌗ Copy	⊘ Delete	102	1	3
☐	🖉 Edit	⌗ Copy	⊘ Delete	103	1	1
☐	🖉 Edit	⌗ Copy	⊘ Delete	104	1	2
☐	🖉 Edit	⌗ Copy	⊘ Delete	105	1	2

5)

OSPITI IL CUI NOME INIZIA PER "E"

+ Options

```
SELECT name, lastname
FROM ospiti
WHERE name LIKE 'E%'
```

←T→				name	lastname
☐	🖉 Edit	⌗ Copy	⊘ Delete	Elizabeth	Romaguera
☐	🖉 Edit	⌗ Copy	⊘ Delete	Edwardo	Pacocha
☐	🖉 Edit	⌗ Copy	⊘ Delete	Emilie	Grant

OSPITI IL CUI COGNOME INIZIA PER "E" (nobody ☹)

name	lastname

```
SELECT name, lastname
FROM ospiti
WHERE lastname LIKE 'E%'
```

6)
```sql
SELECT name, lastname, YEAR(date_of_birth), YEAR(NOW()), YEAR(NOW()) - YEAR(date_of_birth) AS età
FROM ospiti
WHERE YEAR(NOW()) - YEAR(date_of_birth) < 30
```

+ Options

	name	lastname	YEAR(date_of_birth)	YEAR(NOW())	età
☐ ✎ Edit ⊣⊢ Copy ⊖ Delete	Elizabeth	Romaguera	2005	2021	16
☐ ✎ Edit ⊣⊢ Copy ⊖ Delete	Jacquelyn	Ankunding	1992	2021	29
☐ ✎ Edit ⊣⊢ Copy ⊖ Delete	Tristian	Koss	2003	2021	18
☐ ✎ Edit ⊣⊢ Copy ⊖ Delete	Kamron	Murphy	2002	2021	19
☐ ✎ Edit ⊣⊢ Copy ⊖ Delete	Helene	Hansen	2000	2021	21
☐ ✎ Edit ⊣⊢ Copy ⊖ Delete	Dion	Leannon	1993	2021	28
☐ ✎ Edit ⊣⊢ Copy ⊖ Delete	Emilie	Grant	2010	2021	11
☐ ✎ Edit ⊣⊢ Copy ⊖ Delete	Laurence	Green	2008	2021	13
☐ ✎ Edit ⊣⊢ Copy ⊖ Delete	Nikita	Donnelly	2001	2021	20
☐ ✎ Edit ⊣⊢ Copy ⊖ Delete	Gillian	Reichel	2000	2021	21

7)
```sql
SELECT stanza_id, configurazione_id, created_at, MONTH(created_at)
FROM prenotazioni
WHERE MONTH(created_at) < 5
```

+ Options

	stanza_id	configurazione_id	created_at	MONTH(created_at)
☐ ✎ Edit ⊣⊢ Copy ⊖ Delete	10	1	2018-04-13 22:36:11	4
☐ ✎ Edit ⊣⊢ Copy ⊖ Delete	6	2	2018-04-27 03:58:11	4
☐ ✎ Edit ⊣⊢ Copy ⊖ Delete	10	1	2018-04-16 07:33:11	4
☐ ✎ Edit ⊣⊢ Copy ⊖ Delete	8	2	2018-04-22 02:36:11	4
☐ ✎ Edit ⊣⊢ Copy ⊖ Delete	9	3	2018-04-10 11:16:11	4
☐ ✎ Edit ⊣⊢ Copy ⊖ Delete	15	1	2018-04-13 22:53:11	4
☐ ✎ Edit ⊣⊢ Copy ⊖ Delete	10	1	2018-04-29 21:56:11	4
☐ ✎ Edit ⊣⊢ Copy ⊖ Delete	11	4	2018-04-21 03:04:11	4
☐ ✎ Edit ⊣⊢ Copy ⊖ Delete	8	2	2018-04-25 02:51:11	4
☐ ✎ Edit ⊣⊢ Copy ⊖ Delete	15	1	2018-04-23 06:22:11	4
☐ ✎ Edit ⊣⊢ Copy ⊖ Delete	14	2	2018-04-21 11:34:11	4
☐ ✎ Edit ⊣⊢ Copy ⊖ Delete	4	1	2018-04-27 21:56:11	4
☐ ✎ Edit ⊣⊢ Copy ⊖ Delete	10	1	2018-04-18 10:40:11	4
☐ ✎ Edit ⊣⊢ Copy ⊖ Delete	6	2	2018-04-12 12:20:11	4
☐ ✎ Edit ⊣⊢ Copy ⊖ Delete	5	3	2018-04-16 11:21:11	4