

Verifica di Informatica

① CHECK

CREATE TABLE "DEGENTI" (

"Id", Integer, autoincrement, primary Key, not null

"Cogn", VARCHAR(20), NOT NULL

"Nome", VARCHAR(20), NOT NULL

"Sesso", CHAR(1), NOT NULL, CHECK ("Sesso" IN ("M", "F"))

"Natoli", CHAR(20), NOT NULL, CHECK (Natoli like ("-----"))

"Peso", ~~Real~~ Real, CHECK ("Peso" > 1)Foreign Key (Stanza Dag), Reference (Stanze) (Num Stan) ON UPDATE CASCADE ON
DELETE SET NULL

)

② SELECT AVG(~~str~~("%Y", row) - strftime("%Y", degenti.natoli))

FROM Degenti WHERE PESO IS NULL

③ SELECT d.cogn, d.Nome,
FROM degenti d, madri m
WHERE d.id = m.idMadre
GROUP BY d.cogn, d.Nome, d.id
HAVING COUNT(*) >= 2④ SELECT AVG(Peso), MIN(Peso)
FROM Degenti
WHERE Peso IS NOT NULL
GROUP BY ~~AVG(Peso), MIN(Peso)~~, sesso

⑤ SELECT s.NumStanza
FROM Degenti d, stanze s, Madri m
WHERE (d.Id = m.IdMadre OR d.Id = m.IdFiglio) AND d.StanzaDeg = s.NumStanza

⑥ SELECT IdMadre
FROM Madri
WHERE IdFiglio IS NULL

⑦ SELECT COUNT(*) - 1
FROM Degenti d
WHERE stanzaDeg NOT IN (SELECT stanzaDeg FROM Degenti
WHERE cognome <> "Luca" AND Nome <> "Lucia")

⑧ SELECT Peso
FROM Degenti d, Madri m
WHERE d.Id = m.IdFiglio AND m.IdMadre IN (SELECT m.IdMadre
FROM Madri m, Degenti d
WHERE m.IdFiglio = d.Id AND d.Nome = "Luca" AND d.cognome = "Gatti")

⑨ SELECT Nome, cognome
FROM Degenti
WHERE PESO = MAX(PESO)

⑩ SELECT COUNT(*) → occupate
FROM stanze
WHERE NumStanza IN (SELECT stanzaDeg FROM Degenti)
UNION
SELECT COUNT(*) → libere
FROM stanze
WHERE NumStanza NOT IN (.....)

⑪ SELECT m1.Prezzo, (m1.Prezzo/100) * (100 - PercSconto) AS "PrezzoScontato m1"
m2.Prezzo, (m2.Prezzo/100) * (100 - m2.PercSconto) AS "PrezzoScontato m2"
FROM Magazzino m1, Magazzino m2
ORDER BY categoria, Prezzo DESC