**Exercise 04**

*01) Choose all evil-masters with nationality as USA*

SELECT \* FROM master

WHERE nationality = 'USA';

*02) Identify the fictional master(s) who belong to England.*

SELECT \* FROM master

WHERE nationality = 'England' AND

mtype = 'fictional';

*03) What is the highest level of evilness? Provide the description also.*

SELECT level AS highest\_level, description

FROM evilness

ORDER BY level DESC

LIMIT 1;

*04) Display all male minions with at least level-2 evilness.*

SELECT \* FROM minion

WHERE gender = 'M' AND evilness >= 2;

*05) Identify all masters involved in any mission.*

SELECT \* FROM minion WHERE evilness = 3 AND hiring\_charge > 95;

*06) Which minion is the oldest among all the other minions?*

SELECT \* FROM minion

ORDER BY age DESC LIMIT 1;

*07) Which minion is the youngest among all the other minions?*

SELECT \* FROM minion ORDER BY age ASC LIMIT 1;

*08) What is the average hiring charge of the minions?*

SELECT AVG(hiring\_charge) AS average\_hiring\_charge

FROM minion;

*09) Which minion acts as a trainer for level-1 evilness?*

SELECT m.name AS trainer\_name

FROM training t

INNER JOIN minion m ON t.trainer = m.minion\_id

WHERE t.level = 1;

*10) Where mission 501 is going to happen? What is the estimate?*

SELECT country, estimate FROM mission

WHERE mission\_id = 501;

*11) How many missions are in progress?*

SELECT COUNT(\*) FROM mission

WHERE status = 'underway';

*12) In which country the mission 504 happened?*

SELECT country FROM mission WHERE mission\_id = 504;

*13) Who is elected as the master for mission 502?*

SELECT m.name AS master\_name

FROM involved\_in i

JOIN master m ON i.master\_id = m.master\_id

WHERE i.mission\_id = 502;

*14) How many minions were involved in mission 502? Identify their names.*

SELECT m.name AS minion\_name

FROM involved\_in i

JOIN minion m ON i.minion\_id = m.minion\_id

WHERE i.mission\_id = 502;

*15)Identify the trainer and the student of training 403.*

*16) Display all missions that will happen between 10-JAN-2016 and 31-JAN-2016.*

SELECT \* FROM mission

WHERE from\_date BETWEEN

'2016-01-10' AND '2016-01-31';

*17) Identify all masters involved in any mission.*

SELECT DISTINCT m.name AS master\_name

FROM involved\_in i

JOIN master m ON i.master\_id = m.master\_id;

*18) Display the currency of England.*

SELECT name FROM currency

WHERE country = 'England';

*19) Which currency have the highest conversion rate in terms of b-currency*

SELECT \* FROM currency

WHERE b\_currency = (SELECT MAX(b\_currency)

FROM currency);

*20) Select a suitable minion to complete the mission 501*

SELECT m.name AS minion\_name, m.minion\_id

FROM minion AS m

JOIN involved\_in AS i ON m.minion\_id = i.minion\_id

WHERE i.mission\_id = 501

AND m.evilness >= 2;