Consider the following Table :

Table Name: Cars_table

Columns : id INTEGER NOT NULL ,Model TEXT NOT NULL ,Price INTEGER NOT NULL, Year INTEGER NOT NULL

Cars_table			
id	Model	Price	Year

Answer the following Qusetions :

1- Implement the `onCreate method to create the previous table` [2 marks]

```
public void onCreate(SQLiteDatabase db) {

db.execSQL("CREATE TABLE Cars_table (id INTEGER NOT NULL ,Model TEXT NOT NULL ,Price INTEGER NOT NULL, Year INTEGER NOT NULL)");

}
```

2- Write a method that Add a new car to the table (Suppose that the method get the data by an object called car passed as a parameter)
[3 marks]

Note : You have to use ContentValues()

Public void AddCar(Car car)

{

```
ContentValues cv = new ContentValues();
cv.put("id",car.getId());
cv.put("Model",car.getModel());
cv.put("Price",car.getPrice());
cv.put("Year",car.getYear());
db.insert("Cars_table ",null,cv);
```

```
public class Car {
private String Model;
private int Price;
private int Year;    }
```

}

3- Write a method that Update car (Suppose that the method get the data by an object called car passed as a parameter)
[3 marks]

You have to use SQL statements

Public void UpdateCar(Car car)

{

```
UPDATE Cars_table
SET
Model = car.getModel(),
Price= Integer.parseInt(car.getPrice()),
Year= Integer.parseInt(car.getYear())
WHERE id = Integer.parseInt(car.getId());
```

}

4- Suppose that the table contains the following data [2 marks]

Cars_table			
id	Model	Price	Year
1	BMW	42000	2018
2	BMW	30000	2015
3	KIA	16000	2016
4	Hyundai	18000	2016
5	Nissan	12000	2013

What are the output of the following Query ?

SELECT * FROM Cars_table WHERE Year > 2015 AND Price < 30000 ORDER BY Price DESC LIMIT 1

3	**KIA**	**16000**	**2016**