

Database task:

1. Import the provided excel sheet into any relational database

```
1 • SELECT
2   COUNT(*)
3 FROM
4   drinks.drinkmenu;
```

Result Grid | Filter Rows: | Exp

COUNT(*)
242

```
1 • SELECT
2   *
3
4 FROM
5   drinks.drinkmenu;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

Beverage_category	Beverage	Beverage_prep	Calories	Total Fat (g)	Trans Fat (g)	Saturated Fat (g)	Sodium (mg)	Total Carbol (g)
Coffee	Brewed Coffee	Short	3	0.1	0	0	0	5
Coffee	Brewed Coffee	Tall	4	0.1	0	0	0	10
Coffee	Brewed Coffee	Grande	5	0.1	0	0	0	10
Coffee	Brewed Coffee	Venti	5	0.1	0	0	0	10
Classic Espresso Drinks	Caff� Latte	Short Nonfat Milk	70	0.1	0.1	0	5	75
Classic Espresso Drinks	Caff� Latte	2% Milk	100	3.5	2	0.1	15	85
Classic Espresso Drinks	Caff� Latte	Soy milk	70	2.5	0.4	0	0	65
Classic Espresso Drinks	Caff� Latte	Tall Nonfat Milk	100	0.2	0.2	0	5	120
Classic Espresso Drinks	Caff� Latte	2% Milk	150	6	3	0.2	25	135

2. Answers these questions:

1. Which drink has the highest calories from the dataset?

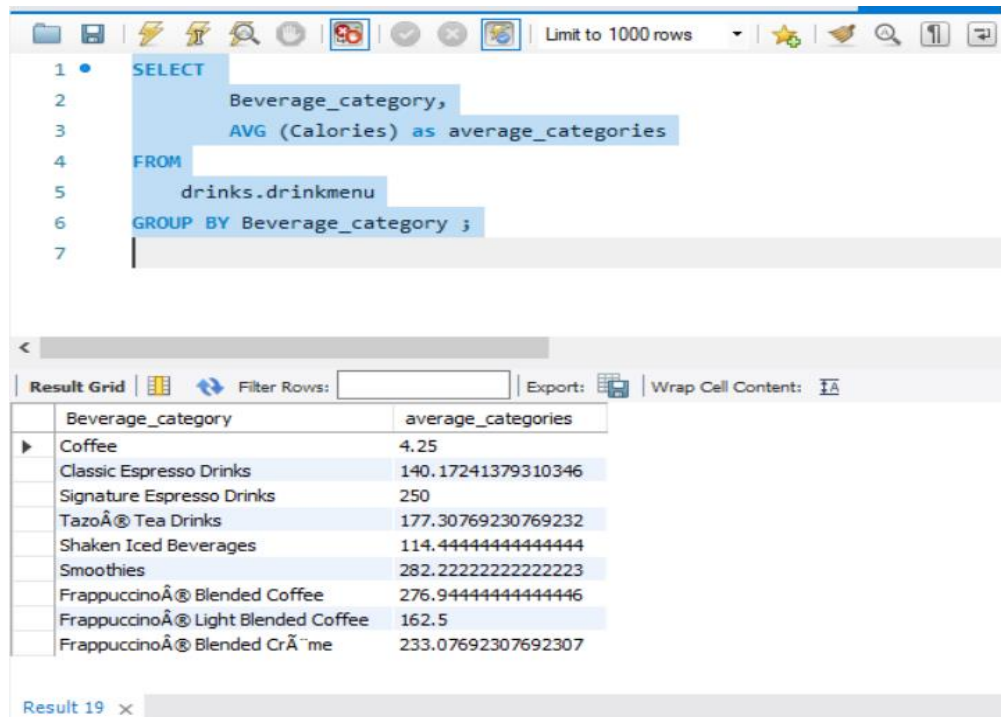
Limit to 1000 rows

```
1 • SELECT
2   Beverage_category,
3   Beverage,
4   Calories
5 FROM
6   drinks.drinkmenu
7 ORDER BY Calories
8 DESC LIMIT 1;
9
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Fetch rows:

Beverage_category	Beverage	Calories
Signature Espresso Drinks	White Chocolate Mocha (Without Whipped Cream)	510

2. What is the average calorie amount for each drink category?



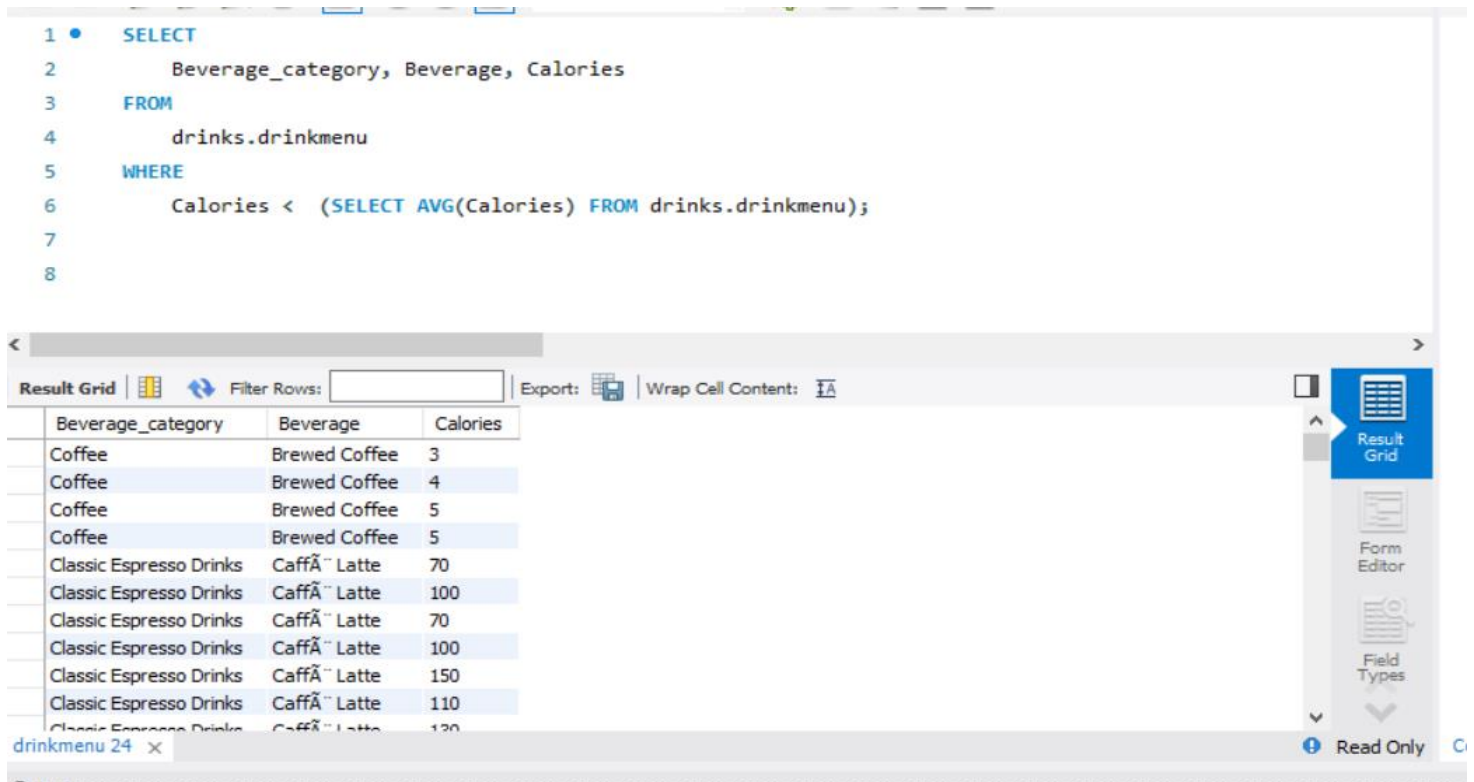
```
1 • SELECT
2     Beverage_category,
3     AVG (Calories) as average_categories
4 FROM
5     drinks.drinkmenu
6 GROUP BY Beverage_category ;
7
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

Beverage_category	average_categories
Coffee	4.25
Classic Espresso Drinks	140.17241379310346
Signature Espresso Drinks	250
Tazo® Tea Drinks	177.30769230769232
Shaken Iced Beverages	114.44444444444444
Smoothies	282.22222222222223
Frappuccino® Blended Coffee	276.94444444444446
Frappuccino® Light Blended Coffee	162.5
Frappuccino® Blended Crème	233.07692307692307

Result 19 x

3. Which drinks have below average calorie amount?



```
1 • SELECT
2     Beverage_category, Beverage, Calories
3 FROM
4     drinks.drinkmenu
5 WHERE
6     Calories < (SELECT AVG(Calories) FROM drinks.drinkmenu);
7
8
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

Beverage_category	Beverage	Calories
Coffee	Brewed Coffee	3
Coffee	Brewed Coffee	4
Coffee	Brewed Coffee	5
Coffee	Brewed Coffee	5
Classic Espresso Drinks	Caffè Latte	70
Classic Espresso Drinks	Caffè Latte	100
Classic Espresso Drinks	Caffè Latte	70
Classic Espresso Drinks	Caffè Latte	100
Classic Espresso Drinks	Caffè Latte	150
Classic Espresso Drinks	Caffè Latte	110
Classic Espresso Drinks	Caffè Latte	130

drinkmenu 24 x

Result Grid | Form Editor | Field Types | Read Only