Exercise

Work shift	9h00-12h00	12h00-15h00	15h00-18h00
Dimanche	Youcef	Khaled	Seif
Lundi	Khaled	Youcef	Bilel
Mardi	Salma	Nesrine	Khaled
Mercredi	Seif	Bilel	Salma

The table above describes the ER (Emergency Room) shifts distribution. Using what you learned and (**COUNTIF / IF / AVERAGE / MAX / MIN**) functions, Complete the following table, knowing that a doctor works **"too much"** if his working hours are more than the average. Otherwise, **"not enough"**.

N°	Doctor	Working hours	Too much/ not enough
1	Youcef		
2	Khaled		
3	Salma		
4	Seif		
5	Nesrine		
6	Bilel		
Longest period			
Shortest period			
Average			

=COUNTIF(Range; Condition) : count the number of cells if they meet the condition

	A	B	C
1	**Student Name**	**Grade**	**Decision**
2	Khaled	12	Succeeded
3	Seif	15	Succeeded
4	Amir	8	Failed

Example:

=COUNTIF(A1:C4; ">10") counts how many cells' values are greater than ten. The result will be **"2"**

=COUNTIF(A1:C4; "8") counts how many cells' values equals to eight. The result will be **"1"**

=IF(Condition; Action if TRUE; Action if FALSE)

Example:

$$\text{=IF(B2>=10; "Succeeded"; "Failed") [C2]}$$

$$\text{=IF(B3>=10; "Succeeded"; "Failed") [C3]}$$

$$\text{=IF(B4>=10; "Succeeded"; "Failed") [C4]}$$

Action can be:

- **Simple Value (number or text)**
- **Formula (computation or function or combination of both)…**