AMRIT DHURUA

MAIL:- dhurua96@gmail.com

SQL -MINOR ASSIGNMENT

1. Triangles Data

The **TRIANGLES** table is described as follows:

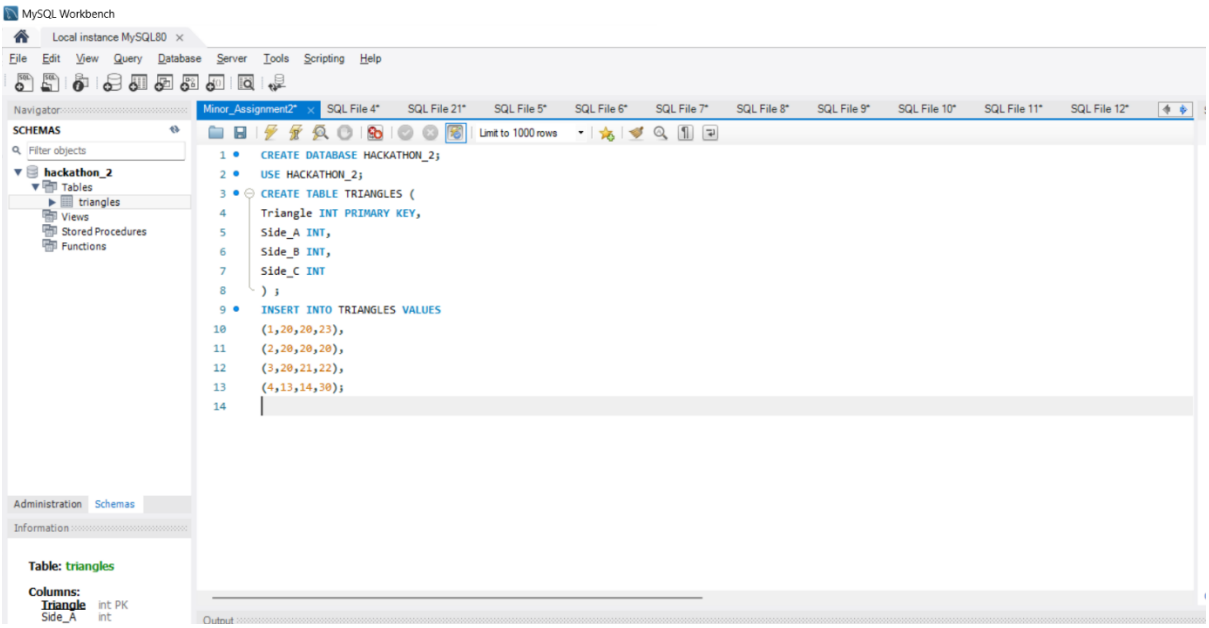
Triangle	Side_A	Side_B	Side_C
1	20	20	23
2	20	20	20
3	20	21	22
4	13	14	30

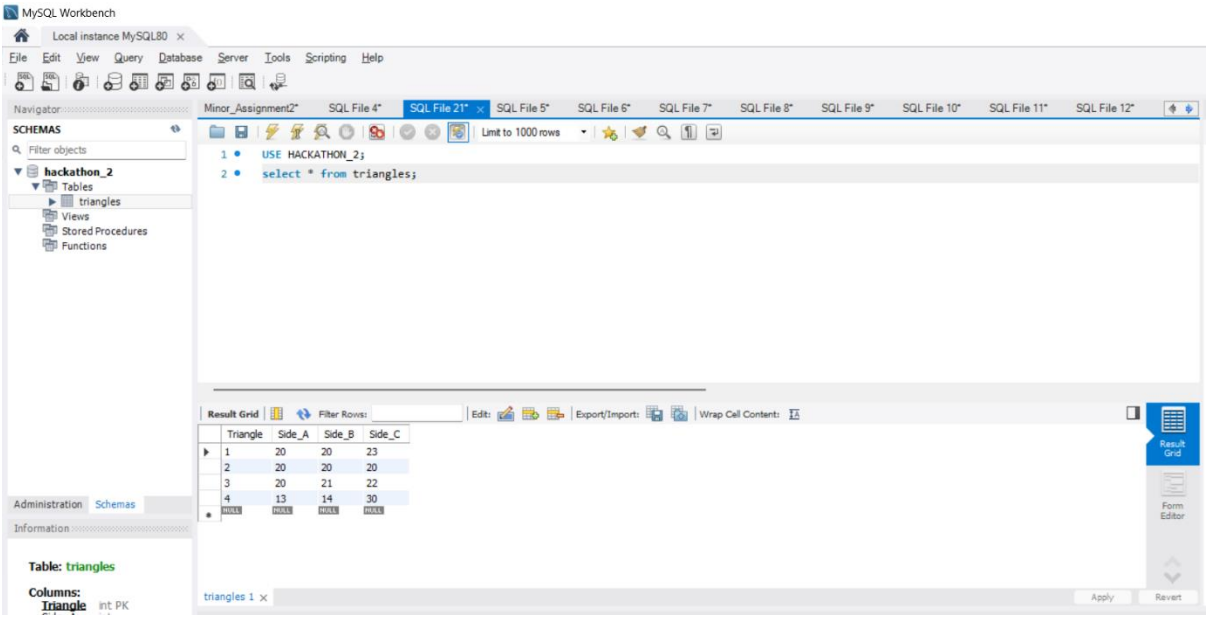
Questions :

1. Write a query to create the **TRIANGLES** table.

(**Note:-** In answer, submit all the table creation queries.)

ANSWER 1.

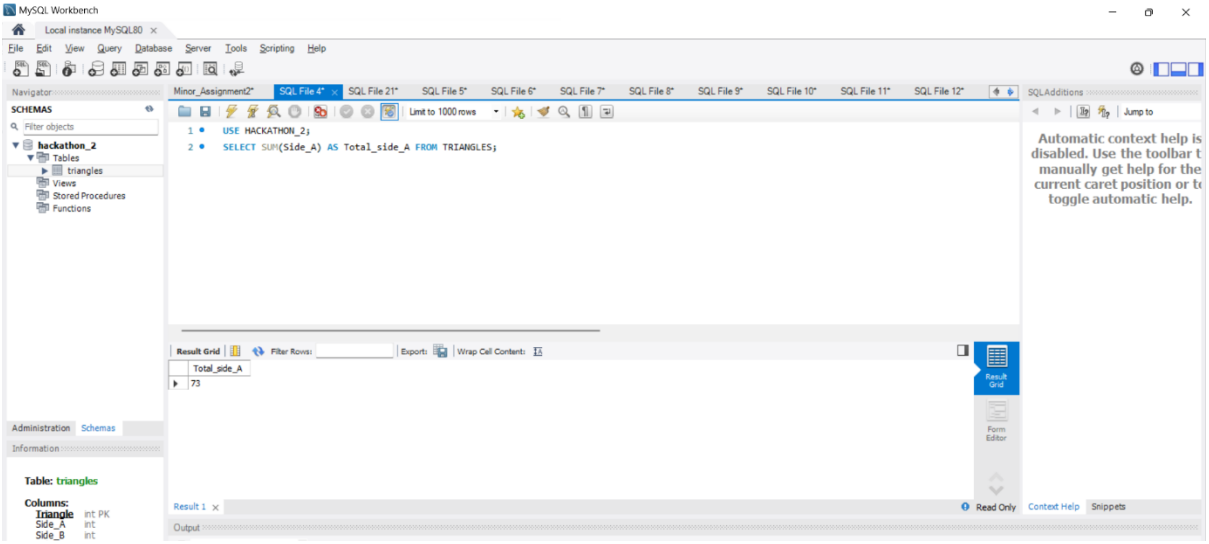




2. Write queries to get output as per required :

i) Write a query to obtain the sum of side_A of all triangles.

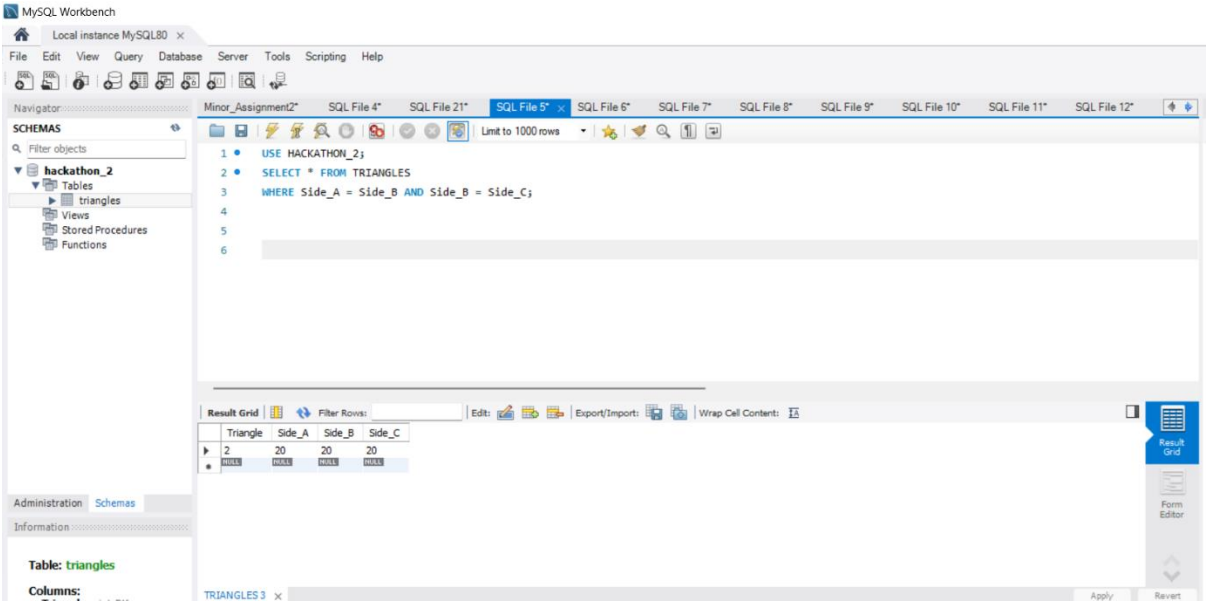
ANSWER 2.(1)



ii) Write a query to obtain an equilateral triangle from the table.

(**Note:-** Equilateral triangle is a triangle in which all three sides have the same length)

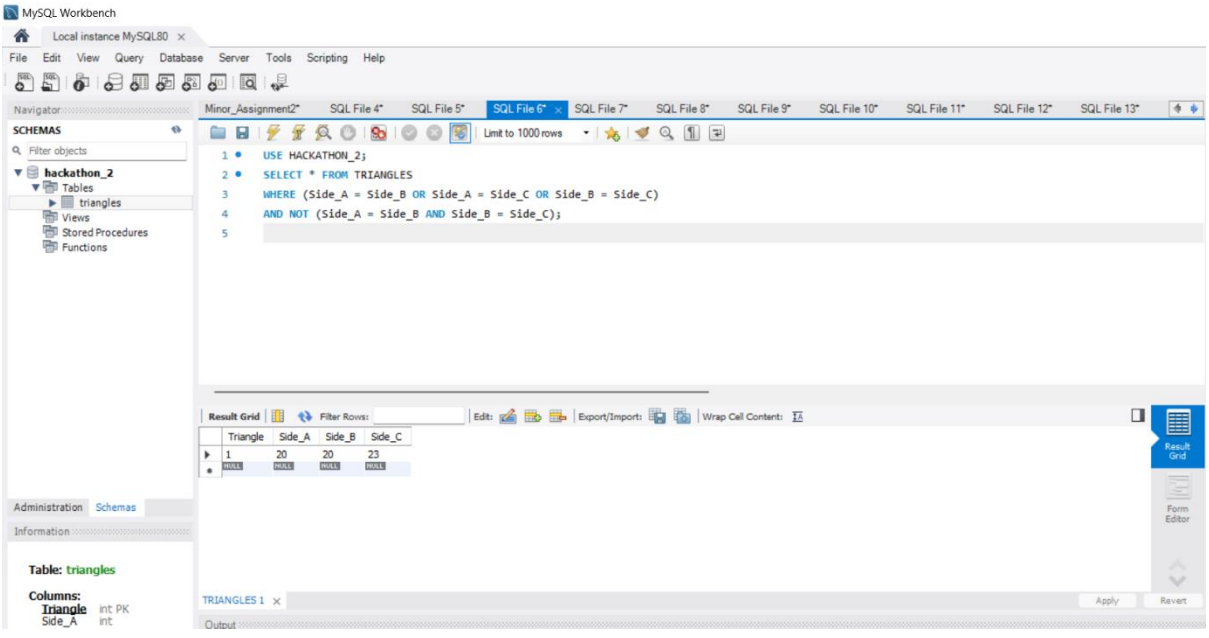
ANSWER 2.(2)



iii) Write a query to obtain an isosceles triangle from the table

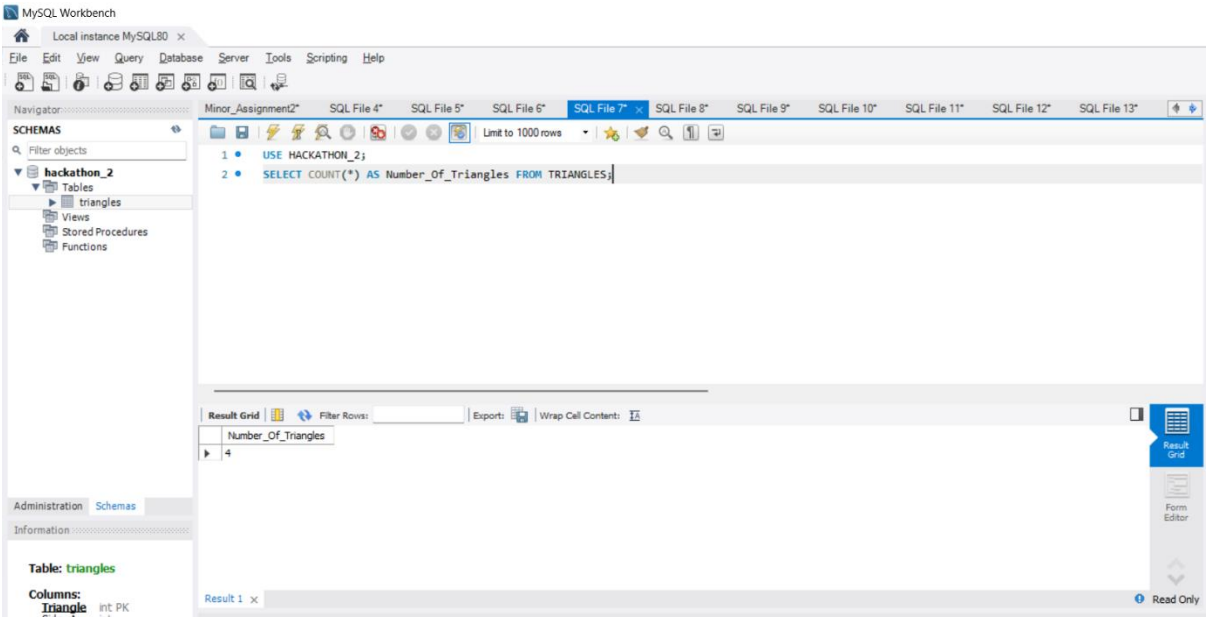
(Note:- An isosceles triangle is a triangle that has two sides of equal length)

ANSWER 2.(3)



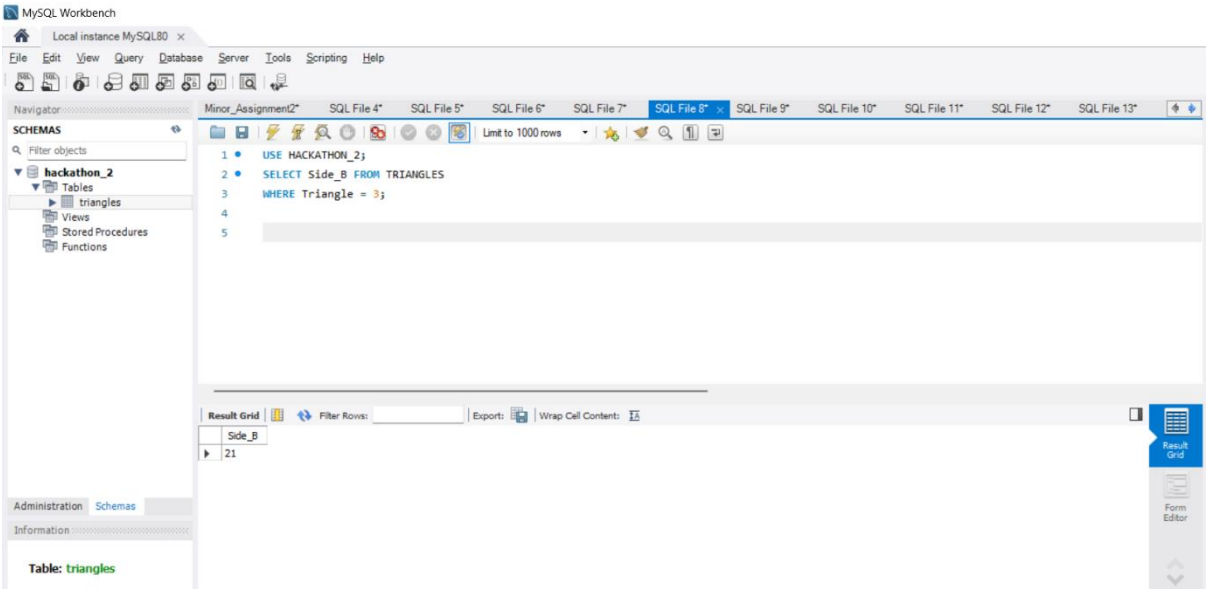
iv) Find the no. of triangles in the table.

ANSWER 2.(4)



v) Find the length of side_B of Triangle 3.

ANSWER 2.(5)



2. Employees Data

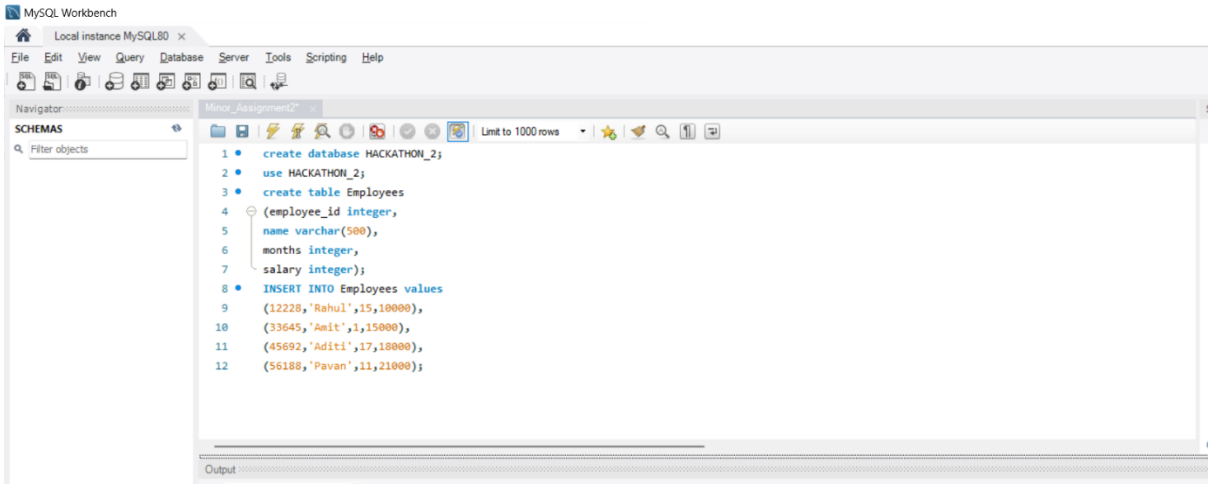
The **Employees** table is described as follows :

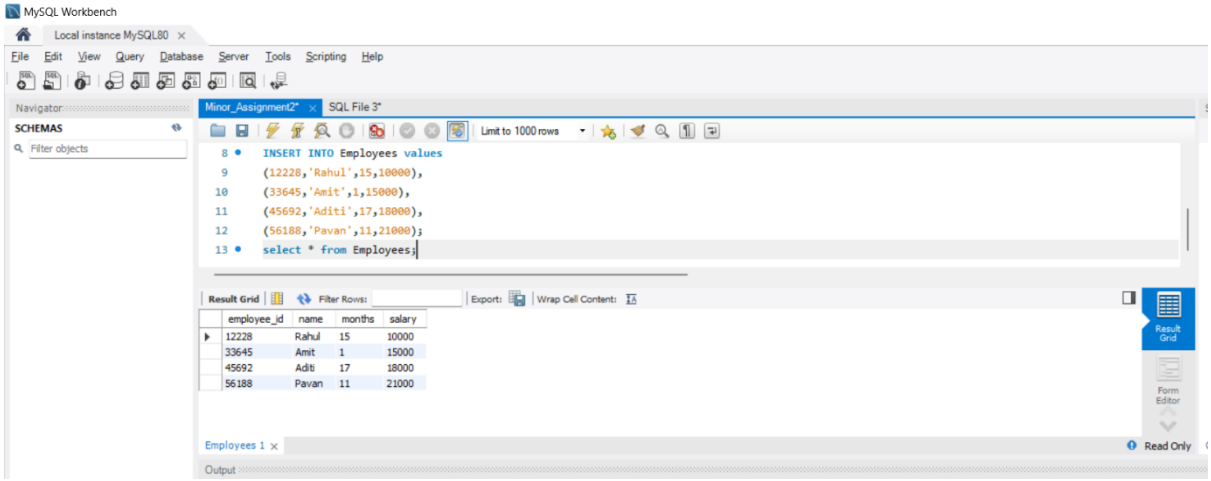
employee_id	name	months	salary
12228	Rahul	15	10000
33645	Amit	1	15000
45692	Aditi	17	18000
56188	Pavan	11	21000

1. Write a query to create the **Employees** table

(Note:- In answer, submit all the table creation queries.)

ANSWER 1.

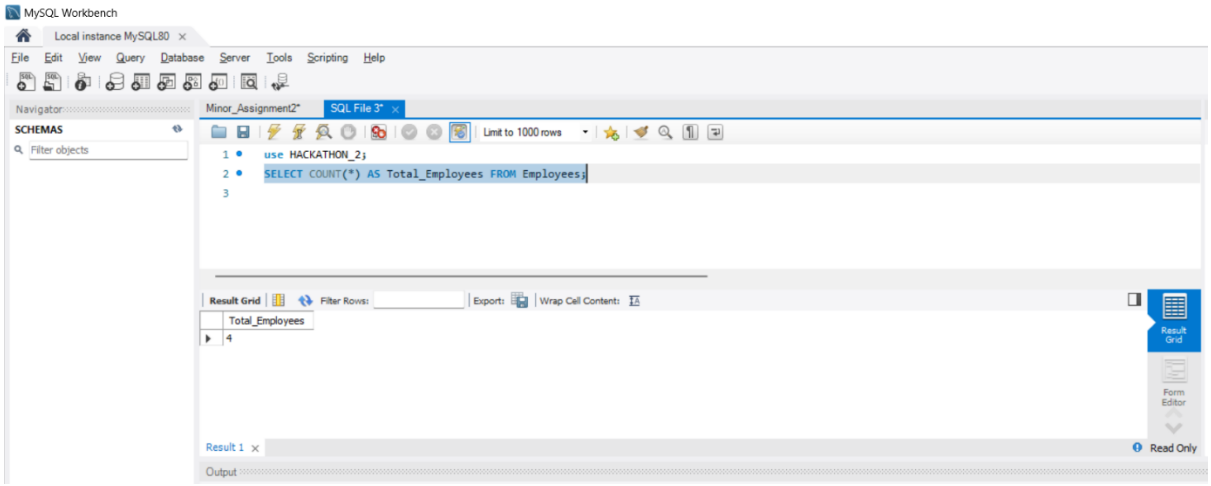




2. Write queries to get output as per required :

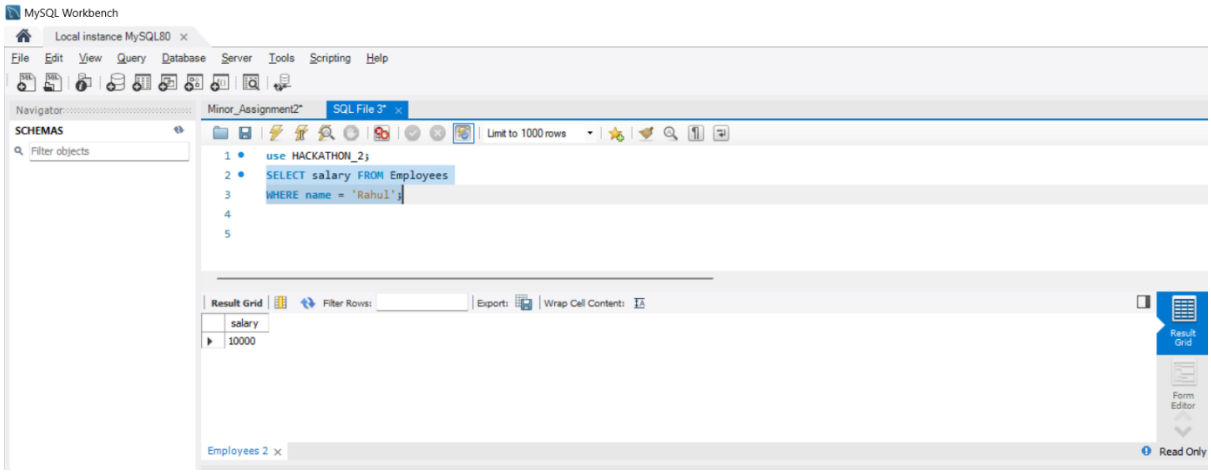
   i) Count the total no. of employees.

ANSWER 2.1



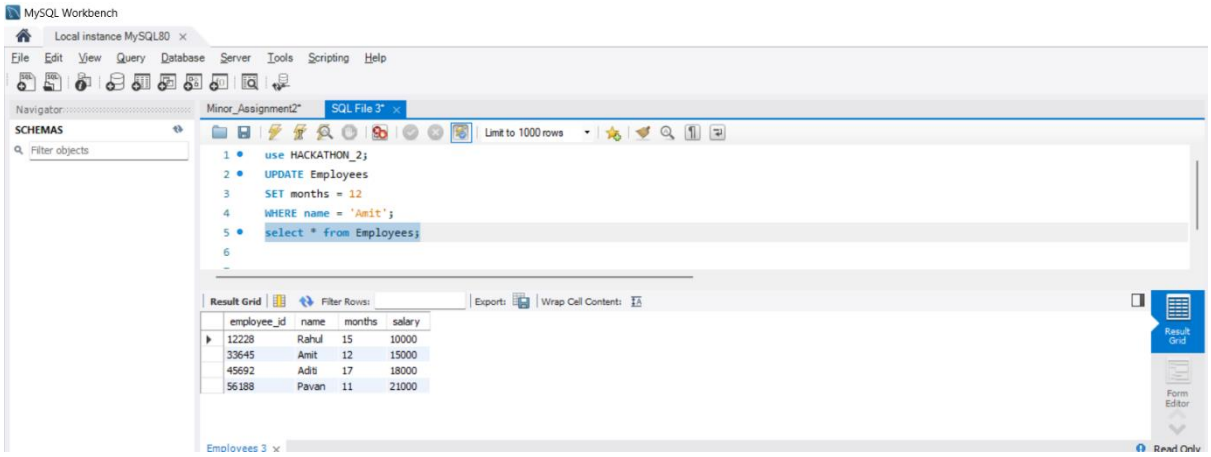
ii) Find the salary of Rahul.

ANSWER2.2



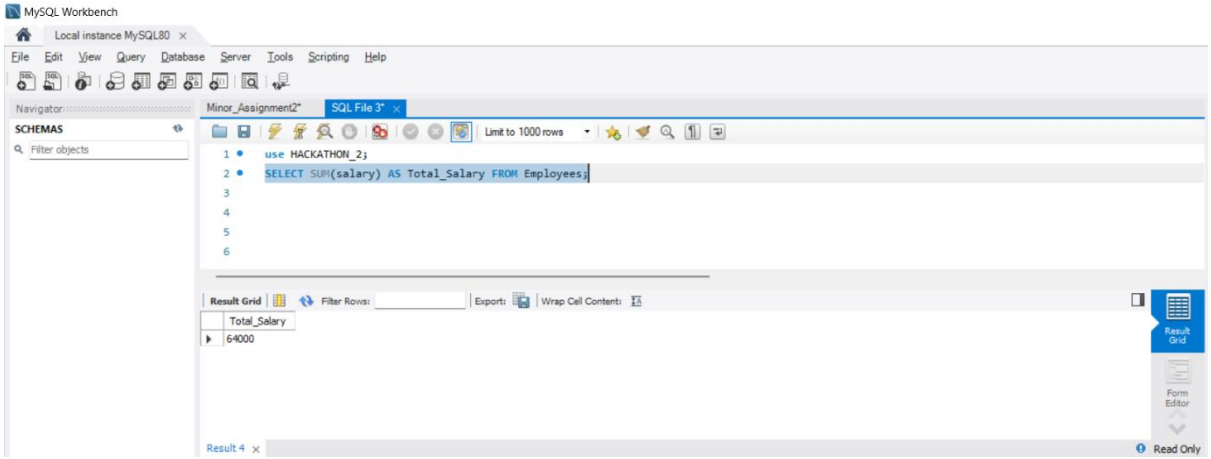
iii) Set Amit's months to 12.

ANSWER 2.3



iv) Find the sum of salaries of all employees.

ANSWER 2.4



v) Find no. of employees whose name starts with ‘A’.

ANSWER 2.5