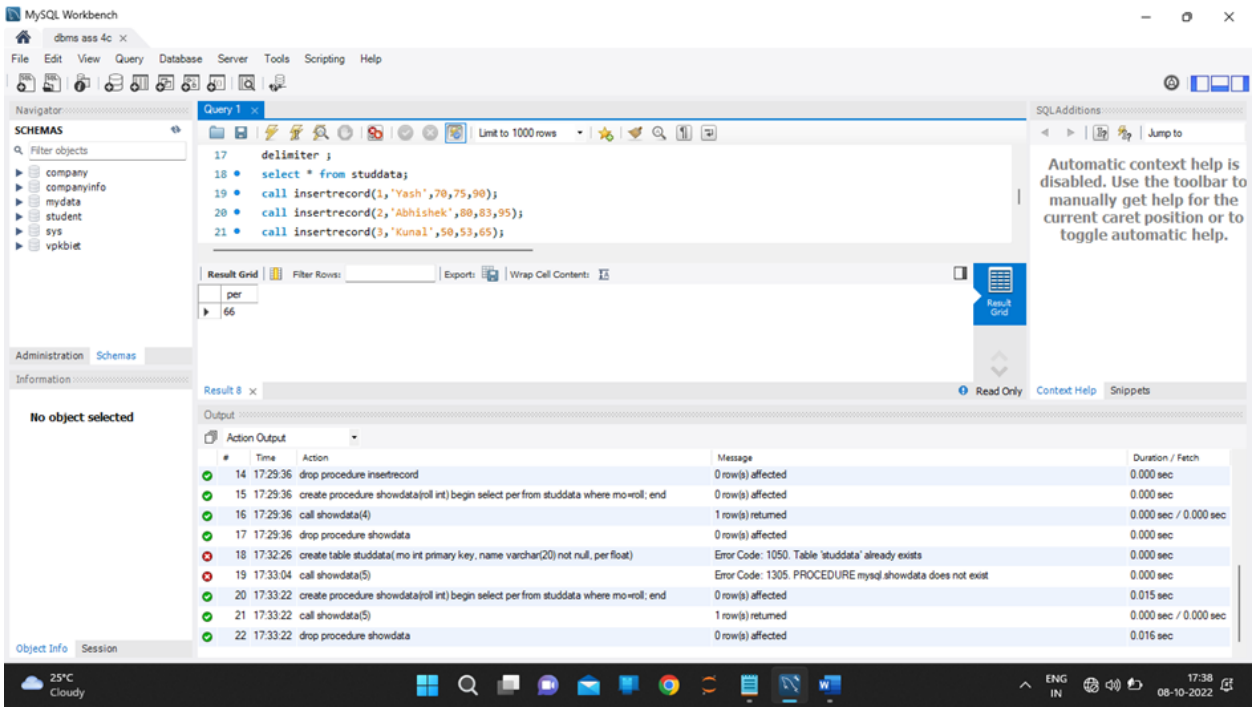
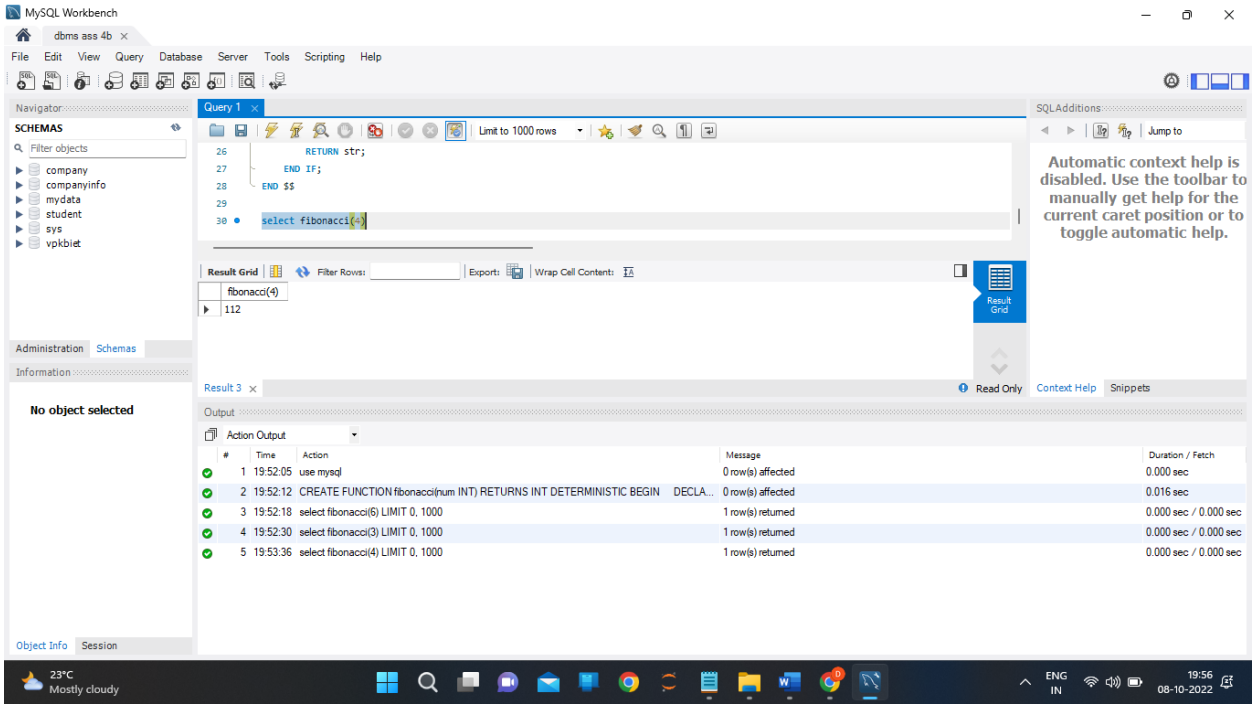
31 YASHRAJ DEEPAK DEVRAT

```
Use mysql;
Create table stud(
rno int primary key,
name varchar(20) not null,
per float);

delimiter $
create procedure insertdata(roll int,sname varchar(20),sub1 int,sub2 int,sub3 int)
begin
        declare percentage float;
    set percentage = ((sub1+sub2+sub3)/300)*100;
    insert into stud values( roll, sname, percentage);
    select percentage;
end$

delimiter ;
select * from stud;
call insertdata(1,'Shreyash',70,75,90);
call insertdata(2,'Abhi',80,83,95);
call insertdata(3,'Krishna',50,53,65);
call insertdata(4,'Madhu',57,73,64);
call insertdata(5,'Aditya',70,53,75);
drop procedure insertdata;
```

```
delimiter $

create procedure showdata(roll int)

begin

                select per from stud where rno=roll;

end$

delimiter ;

call showdata(4);

drop procedure showdata;
```



```
DELIMITER $$
CREATE FUNCTION fibonacci(num INT)
RETURNS INT
DETERMINISTIC
BEGIN
   DECLARE fib1 INT DEFAULT 0;
   DECLARE fib2 INT DEFAULT 1;
   DECLARE fib3 INT DEFAULT 0;
   DECLARE str VARCHAR(255) DEFAULT '01';

   IF num = 1 THEN
      RETURN fib1;
   ELSEIF num = 2 THEN
      RETURN CONCAT(fib1, fib2);
   ELSE
      WHILE num > 2 DO
         SET fib3 = fib1 + fib2;
         SET fib1 = fib2;
         SET fib2 = fib3;
         SET num = num - 1;
         SET str = CONCAT(str, fib3);
      END WHILE;
      RETURN str;
   END IF;
END $$

select fibonacci(4)
```


MySQL Workbench
dbms ass 4b
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
company
companyinfo
mydata
student
sys
vpkbiet
Administration Schemas
Information
No object selected
Object Info Session
Query 1
Limit to 1000 rows
RETURN str;
END IF;
END $$
select fibonacci(4)
Result Grid
Filter Rows:
Export:
Wrap Cell Content:
fibonacci(4)
112
Result 3
Read Only
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
1 19:52:05 use mysql 0 row(s) affected 0.000 sec
2 19:52:12 CREATE FUNCTION fibonacci(num INT) RETURNS INT DETERMINISTIC BEGIN DECLA... 0 row(s) affected 0.016 sec
3 19:52:18 select fibonacci(6) LIMIT 0, 1000 1 row(s) returned 0.000 sec / 0.000 sec
4 19:52:30 select fibonacci(3) LIMIT 0, 1000 1 row(s) returned 0.000 sec / 0.000 sec
5 19:53:36 select fibonacci(4) LIMIT 0, 1000 1 row(s) returned 0.000 sec / 0.000 sec
23°C
Mostly cloudy
ENG
IN
19:56
08-10-2022