SAMARTH ZADBUKE

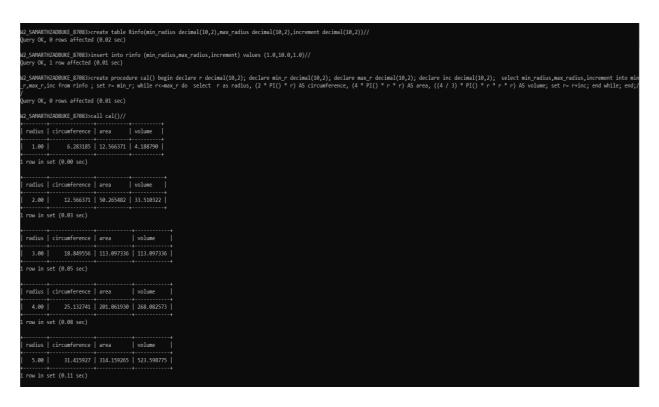
1. Write a program containing a loop that iterates from 1 to 1000 using a variable I, which is incremented each time around the loop. The program should output the value of I every hundred iterations (i.e., the output should be 100, 200, etc.).

```
### DECLARE 1 IN DIFFARE 1;

DECLARE 1 IN DIFFARE 1;

MILESTON SECOND SE
```

2.Write a program that Selects from any table a minimum and maximum value for a radius, along with an increment factor, and generates a series of radii by repeatedly adding the increment to the minimum until the maximum is reached. For each value of the radius, compute and display the circumference, area, and volume of the sphere. (Be sure to include both the maximum and the minimum values.).



+			·
	circumference		volume
5.00		314.159265	523.598775
	et (0.11 sec)		
radius	circumference	area	volume
	· ·	452.389342	
·	et (0.16 sec)		
. FOW IN SE	:t (0.10 Set)		
radius	circumference	area	volume
7.00			1436.755040
	et (0.19 sec)		+
·	circumference		
			2144.660584
1 row in se	et (0.21 sec)		
++- radius	circumference		volume
9.00	56.548668		3053.628059
	et (0.24 sec)		
++-			
	circumference		volume
10.00		1256.637061	4188.790204
	et (0.27 sec)		
Query OK, 0	rows affected	(0.30 sec)	
W2_SAMARTHZ			

3.A palindrome is a word that is spelled the same forward and backward, such as level, radar, etc. Write a program to Selects from any table a five letter word and determine whether it is a palindrome.

N2_SAMARTHZADBUKE_87083>CREATE TABLE words(word VARCHAR(S) ->)// Query OK, 0 rows affected (0.02 sec)
N2_SAMARTHZADBUKE_87083>INSERT INTO words (word) VALUES ('level'), ('radar'), ('hello'), ('world'), ('madam'); // Query OK, 5 rows affected (0.01 sec) Records: 5 Duplicates: 0 Warnings: 0
N2_SAMMRTHZADBUKE_87083>create procedure palindrome() begin declare o_word varchar(10); declare r_word varchar(10); select word into o_word from words where length(word)=5 limit 1; set r_word = REVERSE(o_wor if o_word=r_word then select concat(o_word, "is a palindrome") as result ; else select concat(o_word, "is a not palindrome") as result; end if; end;// Query OK, 0 rows affected (0.01 sec)
W2_SAMMRTHZADBUKE_87083>call_palindrome()//
result
levelis a palindrome
1 row in set (0.00 sec)
Query OK, 0 rows affected (0.01 sec)