5. Capture the error log
Ex.5.

 Write a procedure to capture the error log in a table in case of an exception using autonomous transaction.

-- Create table for logging errors

```sql
 CREATE TABLE logging_table (

  name VARCHAR2(20),

  error_message VARCHAR2(100)

);
```

-- Create procedure to log errors

```sql
CREATE OR REPLACE PROCEDURE log_error(p_name VARCHAR2, p_error_message VARCHAR2) AS

  PRAGMA AUTONOMOUS_TRANSACTION;

BEGIN

  INSERT INTO logging_table (name, error_message) VALUES (p_name, p_error_message);

  COMMIT;

END;

/
```

-- Main program

```sql
DECLARE

  Iv_val NUMBER;

BEGIN

  Iv_val := 5/0;

EXCEPTION

  WHEN ZERO_DIVIDE THEN
```

```
      log_error('ZERO DIVIDE', SQLERRM);

END;

/


------------------------------------------------


 select * from logging_table


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```