SUPERSET ID-6363144

**EXCEPTION HANDLING:-**

**CODE:-**

IF OBJECT\_ID('Products', 'U') IS NOT NULL DROP TABLE Products;

IF OBJECT\_ID('ErrorLog', 'U') IS NOT NULL DROP TABLE ErrorLog;

GO

CREATE TABLE Products (

ProductID INT PRIMARY KEY,

ProductName VARCHAR(100),

Price DECIMAL(10, 2)

);

GO

INSERT INTO Products (ProductID, ProductName, Price) VALUES

(1, 'Laptop', 1000.00),

(2, 'Smartphone', 800.00);

GO

CREATE TABLE ErrorLog (

ErrorID INT IDENTITY(1,1) PRIMARY KEY,

ErrorNumber INT,

ErrorSeverity INT,

ErrorState INT,

ErrorProcedure NVARCHAR(128),

ErrorLine INT,

ErrorMessage NVARCHAR(4000),

ErrorTime DATETIME DEFAULT GETDATE()

);

GO

BEGIN TRY

INSERT INTO Products (ProductID, ProductName, Price)

VALUES (1, 'Tablet', 600.00);

END TRY

BEGIN CATCH

PRINT 'An error occurred. Logging the error...';

INSERT INTO ErrorLog (

ErrorNumber,

ErrorSeverity,

ErrorState,

ErrorProcedure,

ErrorLine,

ErrorMessage

)

VALUES (

ERROR\_NUMBER(),

ERROR\_SEVERITY(),

ERROR\_STATE(),

ERROR\_PROCEDURE(),

ERROR\_LINE(),

ERROR\_MESSAGE()

);

END CATCH;

GO

SELECT \* FROM ErrorLog;

GO

OUTPUT:--

