import mysql.connector

from mysql.connector import errorcode

# Database configuration

config = {

    "user": "outland\_user",

    "password": "adventure",

    "host": "127.0.0.1",

    "database": "Outland Adventures",  # Corrected database name

    "raise\_on\_warnings": True

}

try:

    # Establishing a connection to the database

    db = mysql.connector.connect(\*\*config)

    print("\n Database user {} connected to MYSQL on host {} with database {}".format(config["user"], config["host"],

                                                                                       config["database"]))

    input("\n\n Press enter to continue...\n")

    cursor = db.cursor()

    # Displaying Customer Table

    cursor.execute("SELECT name, destination, equipUsed, equipStatus FROM customer")

    customers = cursor.fetchall()

    print("Displaying Customer Table")

    for customer in customers:

        print("Name: {}\nDestination: {}\nUsed Equipment: {}\nEquipment Status: {}\n".format(customer[0], customer[1],

                                                                                                customer[2], customer[3]))

    # Displaying Equipment Table

    cursor.execute("SELECT equipmentName, equipmentType, acquisitionDate FROM equipment")

    equipment = cursor.fetchall()

    print("Displaying Equipment Table")

    for eq in equipment:

        print("Equipment: {}\nType: {}\nDate: {}\n".format(eq[0], eq[1], eq[2]))

    # Displaying Outland Adventure Guides

    cursor.execute("SELECT name FROM guide")

    guides = cursor.fetchall()

    print("Displaying Outland Adventure Guides")

    for guide in guides:

        print("Name: {}\n".format(guide[0]))

    # Displaying Destination Table

    cursor.execute("SELECT continent, region, startDate, endDate FROM destination")

    destinations = cursor.fetchall()

    print("\nDisplaying Destination Table")

    for destination in destinations:

        print("Continent: {}\nRegion: {}\nBeginning Date {}\nEnd Date {}\n".format(destination[0], destination[1],

                                                                                      destination[2], destination[3]))

except mysql.connector.Error as err:

    if err.errno == errorcode.ER\_ACCESS\_DENIED\_ERROR:

        print("The supplied username or password are invalid")

    elif err.errno == errorcode.ER\_BAD\_DB\_ERROR:

        print("The specified database does not exist")

    else:

        print(err)

finally:

    db.close()