Contents

[Bài 1: 1](#_Toc129638689)

[1. Sơ đồ khối: 1](#_Toc129638690)

[2. Bảng: 1](#_Toc129638691)

[3. Các thực thể: 2](#_Toc129638692)

[4. Nhập dữ liệu: 4](#_Toc129638693)

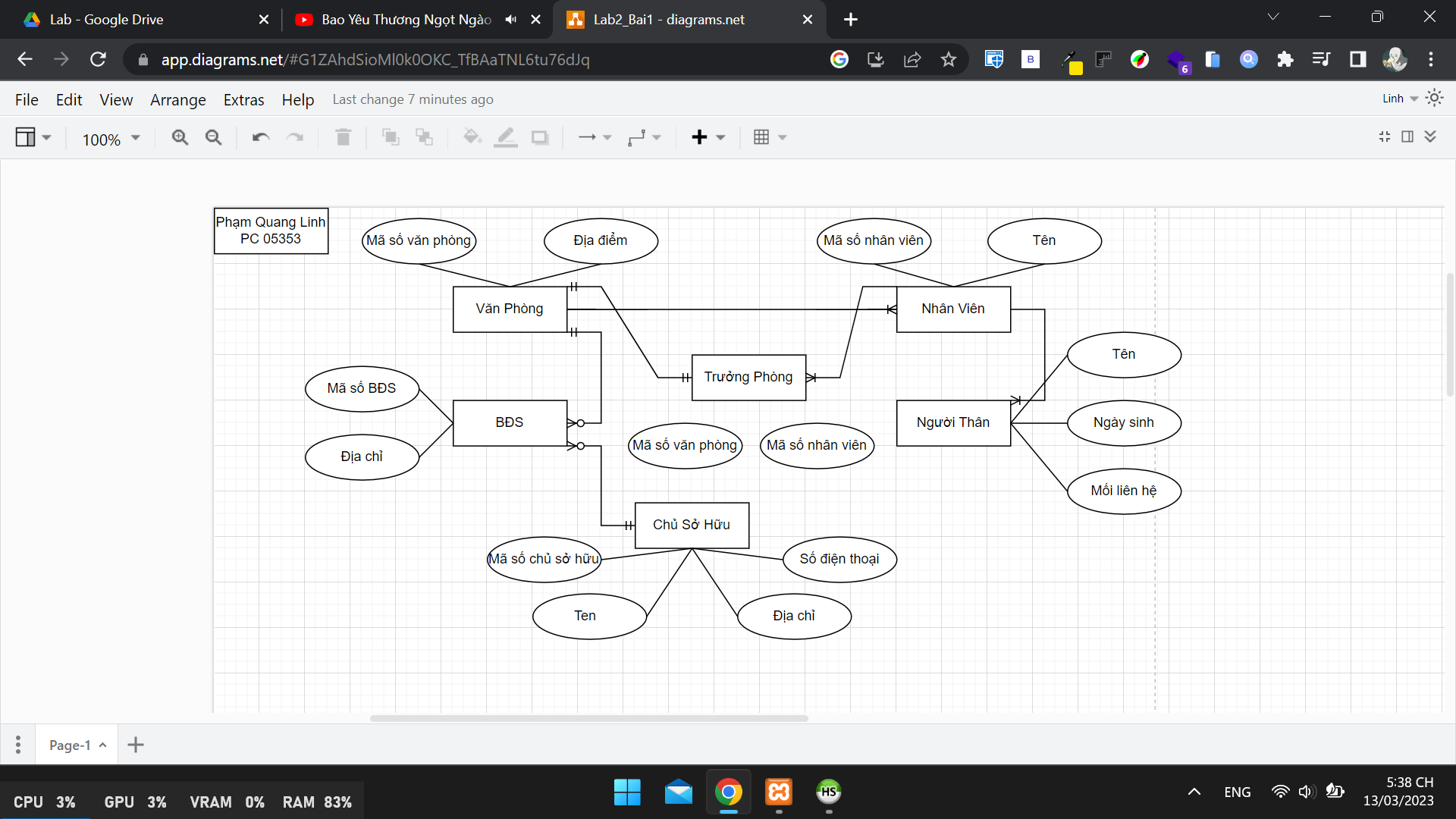
[Bài 2: 7](#_Toc129638694)

[1. Bảng: 7](#_Toc129638695)

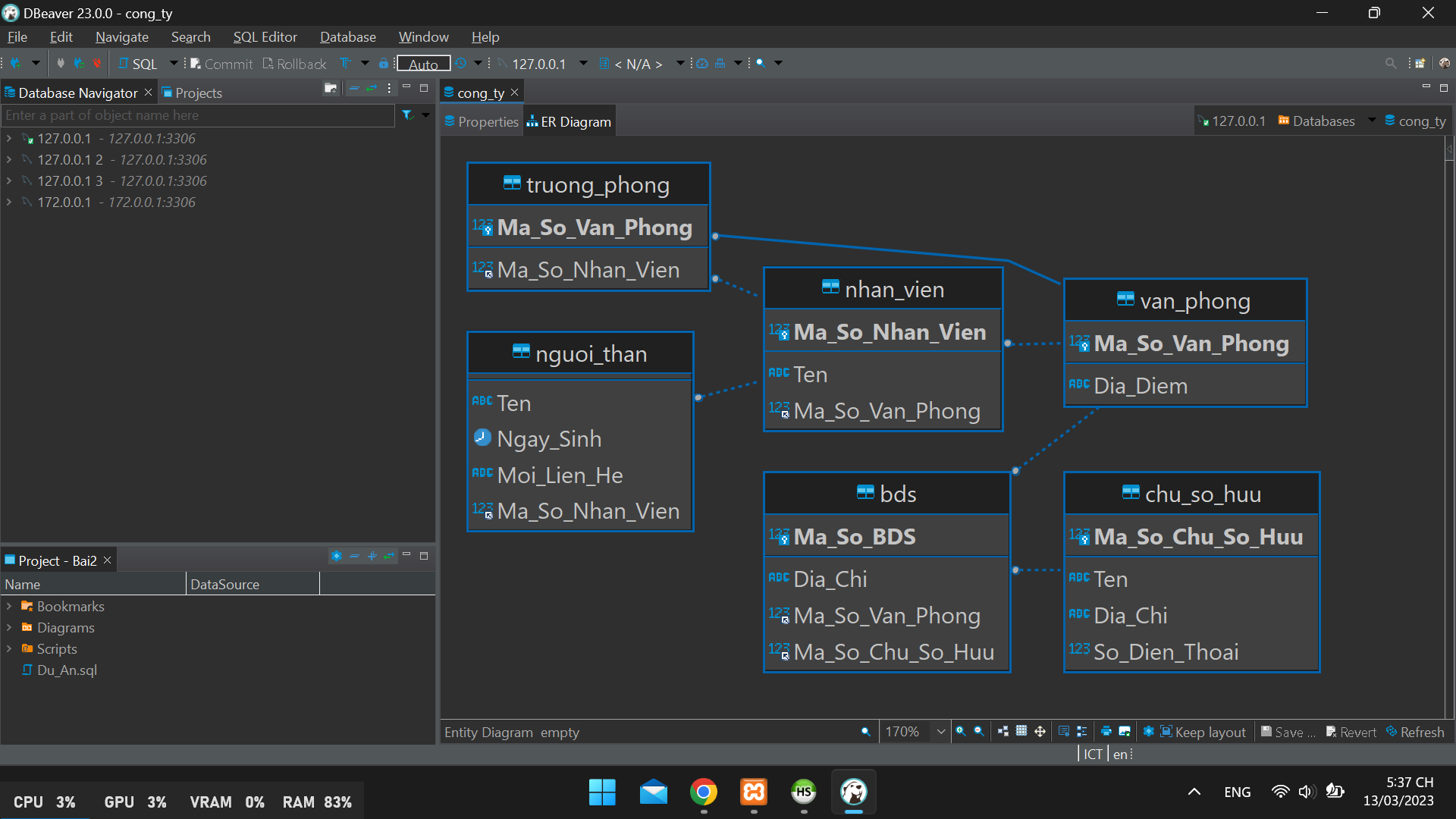
[2. Các thực thể: 7](#_Toc129638696)

# Bài 1:

1. Sơ đồ khối:



1. Bảng:



1. Các thực thể:

CREATE TABLE **IF** NOT EXISTS `van\_phong` (

  `Ma\_So\_Van\_Phong` int(11) NOT NULL,

  `Dia\_Diem` varchar(50) NOT NULL *DEFAULT* '',

*PRIMARY KEY* (`Ma\_So\_Van\_Phong`)

) ENGINE=InnoDB *DEFAULT* CHARSET=utf8mb4 *COLLATE*=utf8mb4\_general\_ci;

CREATE TABLE **IF** NOT EXISTS `nhan\_vien` (

  `Ma\_So\_Nhan\_Vien` int(11) NOT NULL,

  `Ten` varchar(50) NOT NULL *DEFAULT* '',

  `Ma\_So\_Van\_Phong` int(11) NOT NULL,

*PRIMARY KEY* (`Ma\_So\_Nhan\_Vien`),

  KEY `FK\_nhan\_vien\_van\_phong` (`Ma\_So\_Van\_Phong`),

*CONSTRAINT* `FK\_nhan\_vien\_van\_phong` *FOREIGN KEY* (`Ma\_So\_Van\_Phong`) *REFERENCES* `van\_phong` (`Ma\_So\_Van\_Phong`)

) ENGINE=InnoDB *DEFAULT* CHARSET=utf8mb4 *COLLATE*=utf8mb4\_general\_ci;

CREATE TABLE **IF** NOT EXISTS `chu\_so\_huu` (

  `Ma\_So\_Chu\_So\_Huu` int(11) NOT NULL,

  `Ten` varchar(50) NOT NULL *DEFAULT* '',

  `Dia\_Chi` varchar(50) NOT NULL *DEFAULT* '',

  `So\_Dien\_Thoai` int(11) NOT NULL *DEFAULT* 0,

*PRIMARY KEY* (`Ma\_So\_Chu\_So\_Huu`)

) ENGINE=InnoDB *DEFAULT* CHARSET=utf8mb4 *COLLATE*=utf8mb4\_general\_ci;

CREATE TABLE **IF** NOT EXISTS `bds` (

  `Ma\_So\_BDS` int(11) NOT NULL,

  `Dia\_Chi` varchar(50) NOT NULL *DEFAULT* '',

  `Ma\_So\_Van\_Phong` int(11) NOT NULL,

  `Ma\_So\_Chu\_So\_Huu` int(11) NOT NULL,

*PRIMARY KEY* (`Ma\_So\_BDS`),

  KEY `FK\_bds\_van\_phong` (`Ma\_So\_Van\_Phong`),

  KEY `FK\_bds\_chu\_so\_huu` (`Ma\_So\_Chu\_So\_Huu`),

*CONSTRAINT* `FK\_bds\_chu\_so\_huu` *FOREIGN KEY* (`Ma\_So\_Chu\_So\_Huu`) *REFERENCES* `chu\_so\_huu` (`Ma\_So\_Chu\_So\_Huu`),

*CONSTRAINT* `FK\_bds\_van\_phong` *FOREIGN KEY* (`Ma\_So\_Van\_Phong`) *REFERENCES* `van\_phong` (`Ma\_So\_Van\_Phong`)

) ENGINE=InnoDB *DEFAULT* CHARSET=utf8mb4 *COLLATE*=utf8mb4\_general\_ci;

CREATE TABLE **IF** NOT EXISTS `nguoi\_than` (

  `Ten` varchar(50) NOT NULL,

  `Ngay\_Sinh` date NOT NULL,

  `Moi\_Lien\_He` varchar(50) NOT NULL *DEFAULT* '',

  `Ma\_So\_Nhan\_Vien` int(11) NOT NULL,

  KEY `FK\_nguoi\_than\_nhan\_vien` (`Ma\_So\_Nhan\_Vien`),

*CONSTRAINT* `FK\_nguoi\_than\_nhan\_vien` *FOREIGN KEY* (`Ma\_So\_Nhan\_Vien`) *REFERENCES* `nhan\_vien` (`Ma\_So\_Nhan\_Vien`)

) ENGINE=InnoDB *DEFAULT* CHARSET=utf8mb4 *COLLATE*=utf8mb4\_general\_ci;

CREATE TABLE **IF** NOT EXISTS `truong\_phong` (

  `Ma\_So\_Van\_Phong` int(11) NOT NULL,

  `Ma\_So\_Nhan\_Vien` int(11) NOT NULL,

*PRIMARY KEY* (`Ma\_So\_Van\_Phong`),

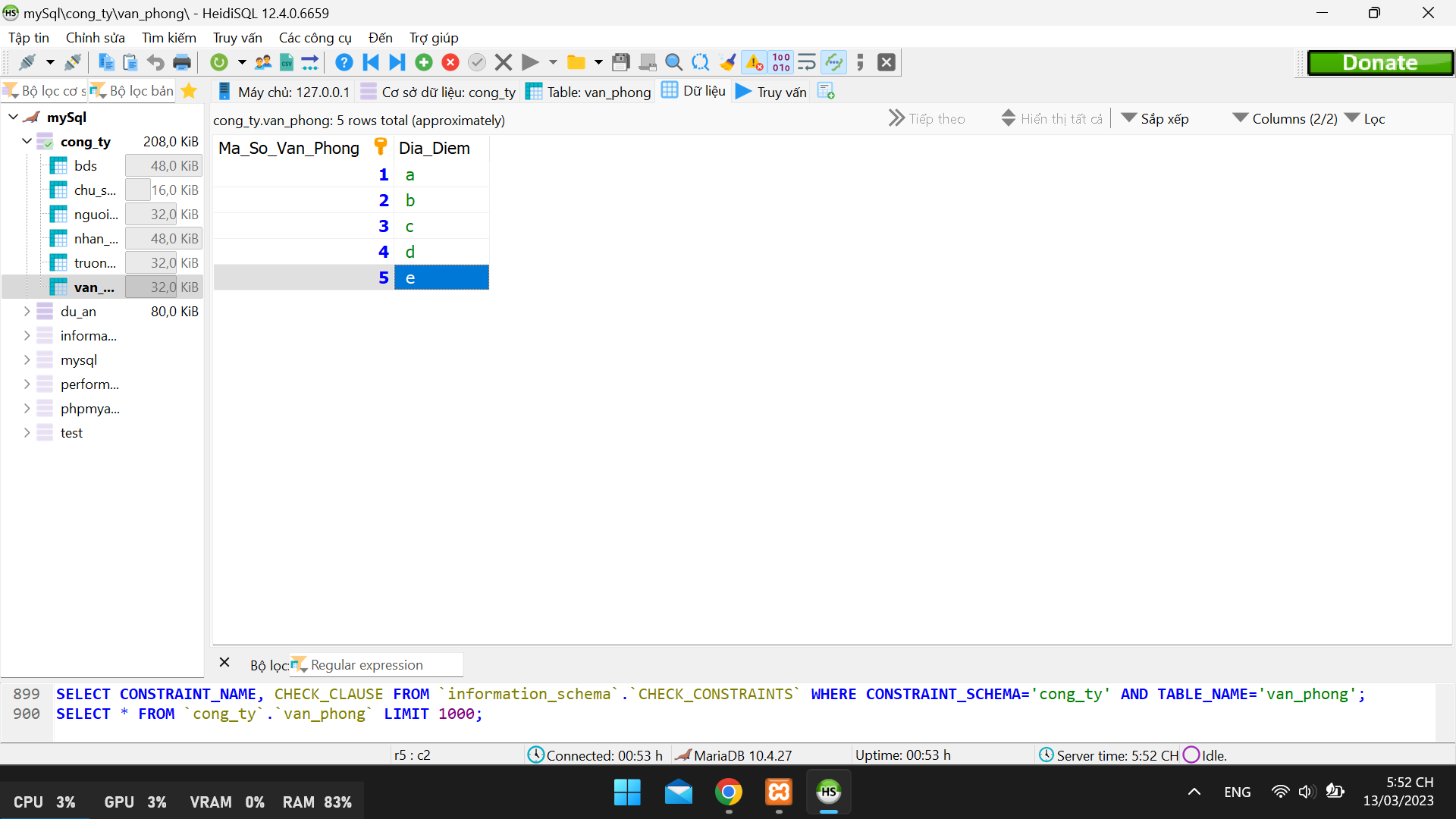
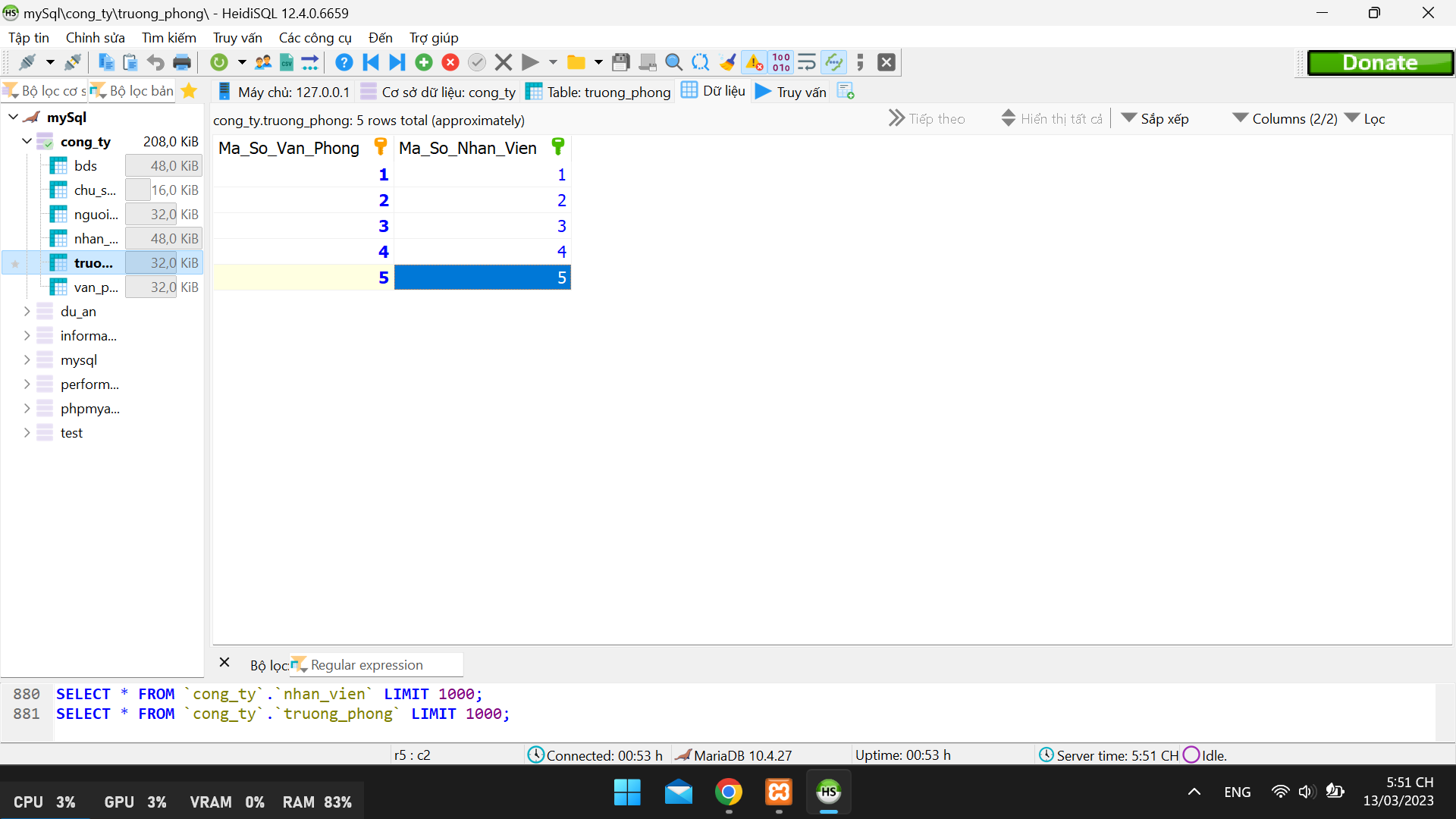
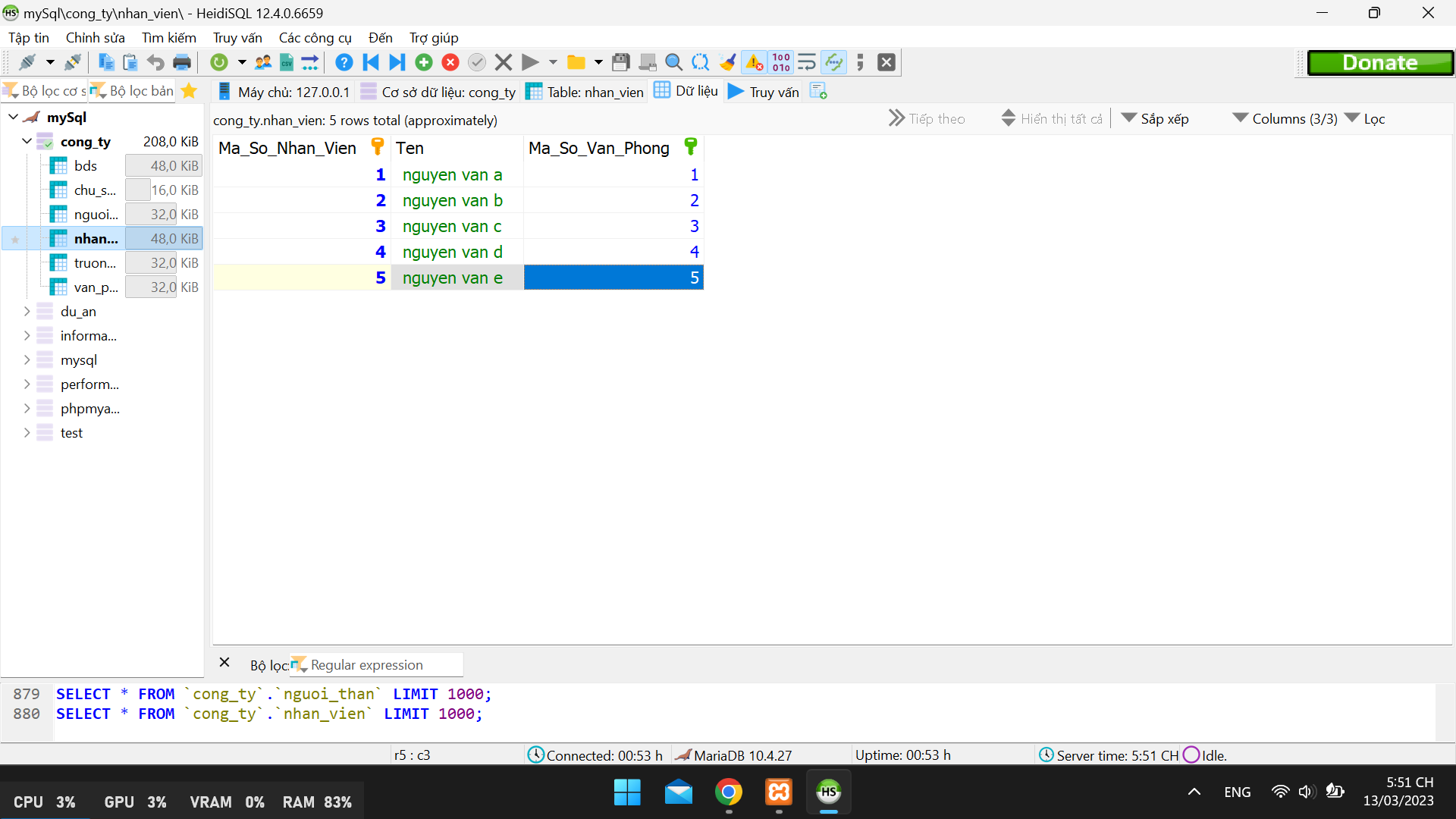
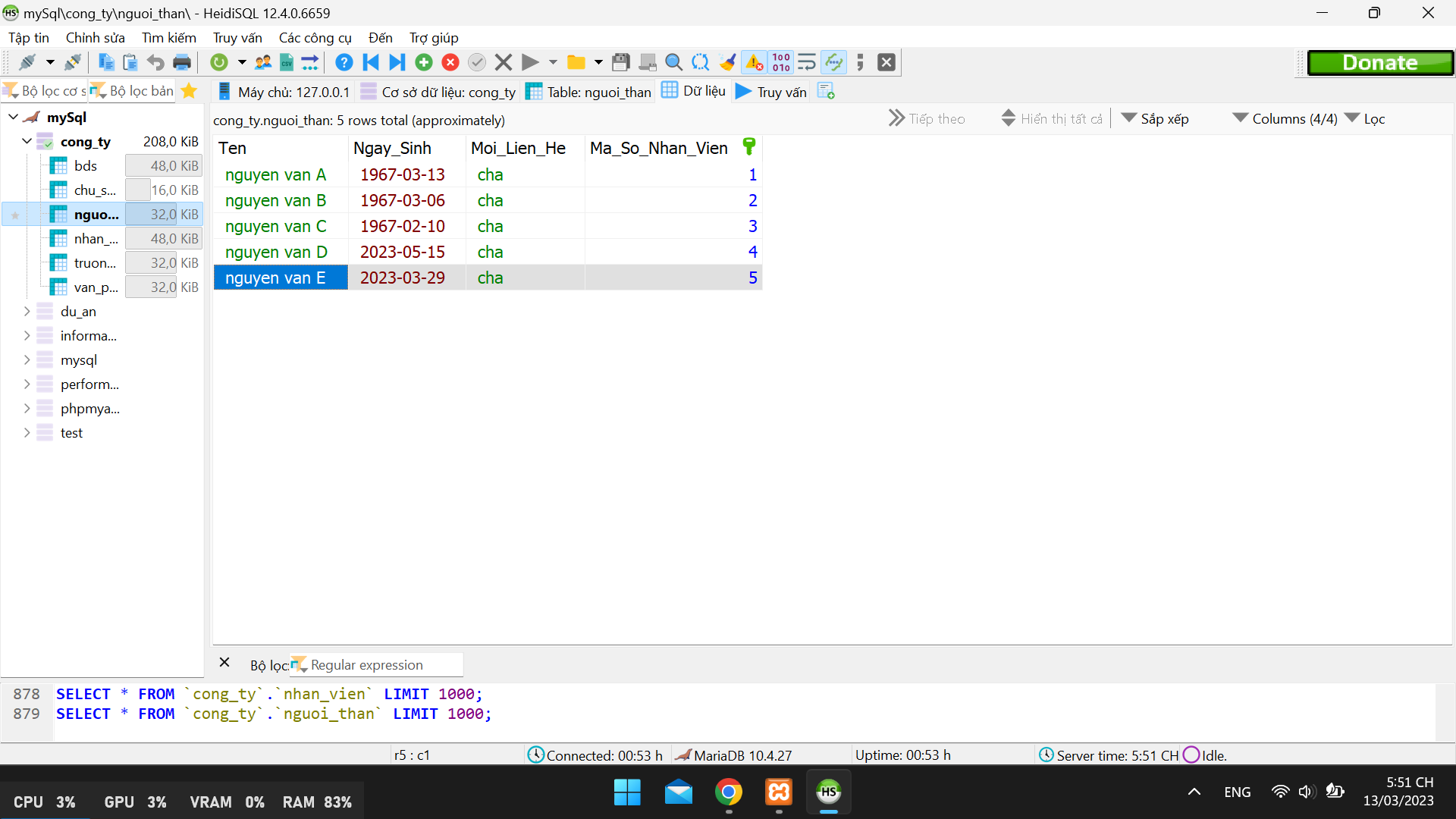
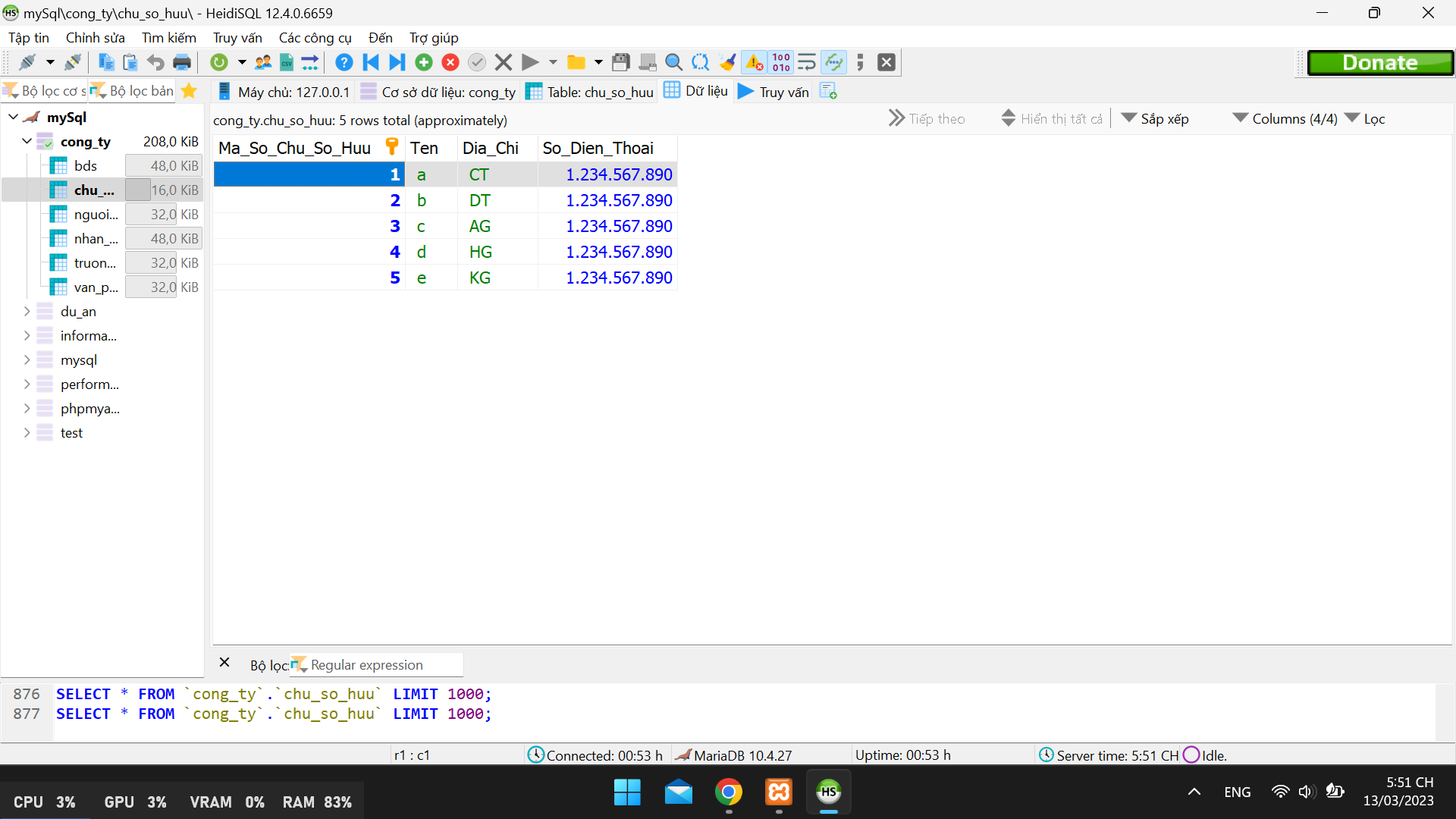
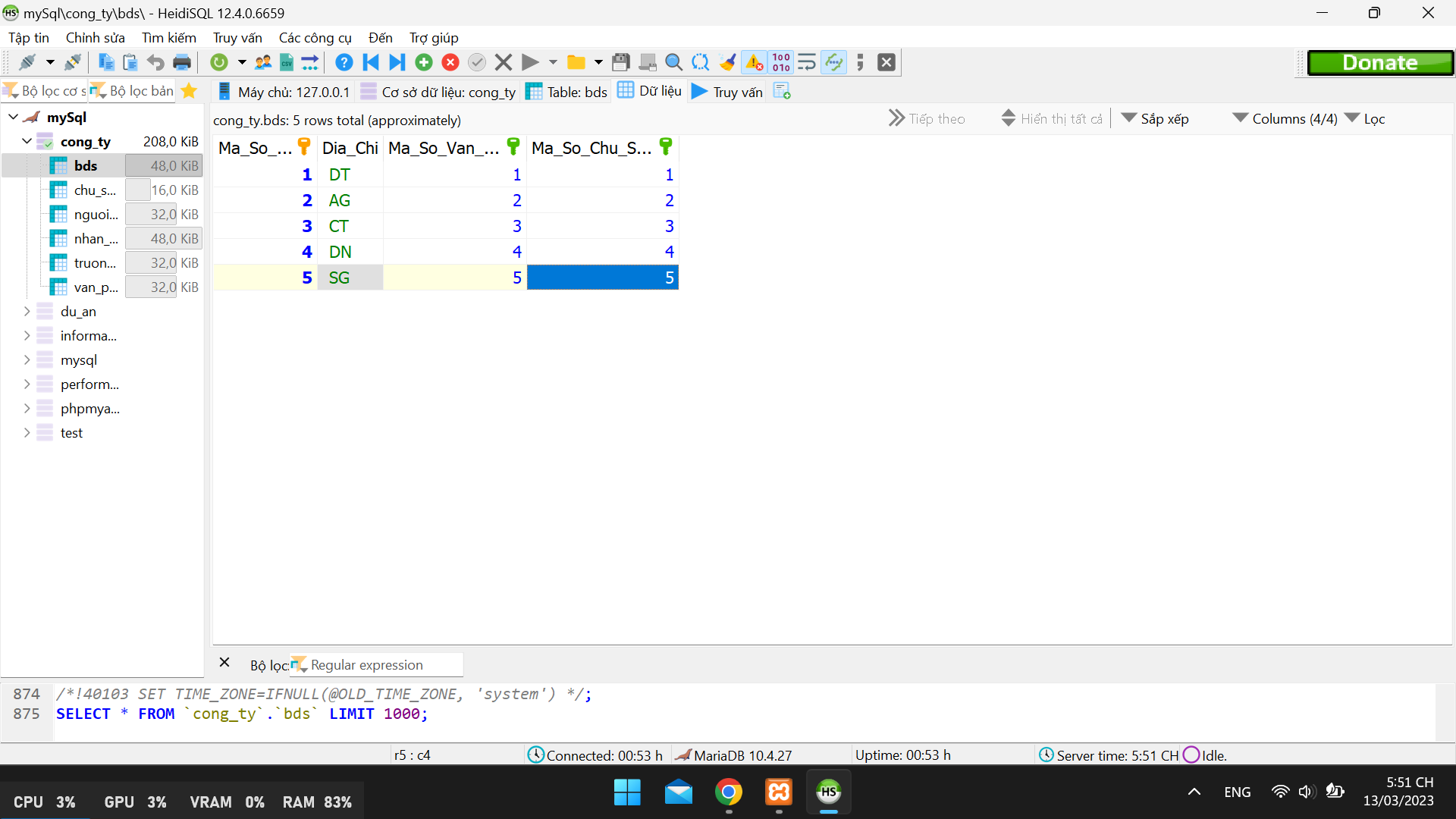
  KEY `FK\_truong\_phong\_nhan\_vien` (`Ma\_So\_Nhan\_Vien`),

*CONSTRAINT* `FK\_truong\_phong\_nhan\_vien` *FOREIGN KEY* (`Ma\_So\_Nhan\_Vien`) *REFERENCES* `nhan\_vien` (`Ma\_So\_Nhan\_Vien`) *ON DELETE* NO ACTION ON UPDATE NO ACTION,

*CONSTRAINT* `FK\_truong\_phong\_van\_phong` *FOREIGN KEY* (`Ma\_So\_Van\_Phong`) *REFERENCES* `van\_phong` (`Ma\_So\_Van\_Phong`) *ON DELETE* NO ACTION ON UPDATE NO ACTION

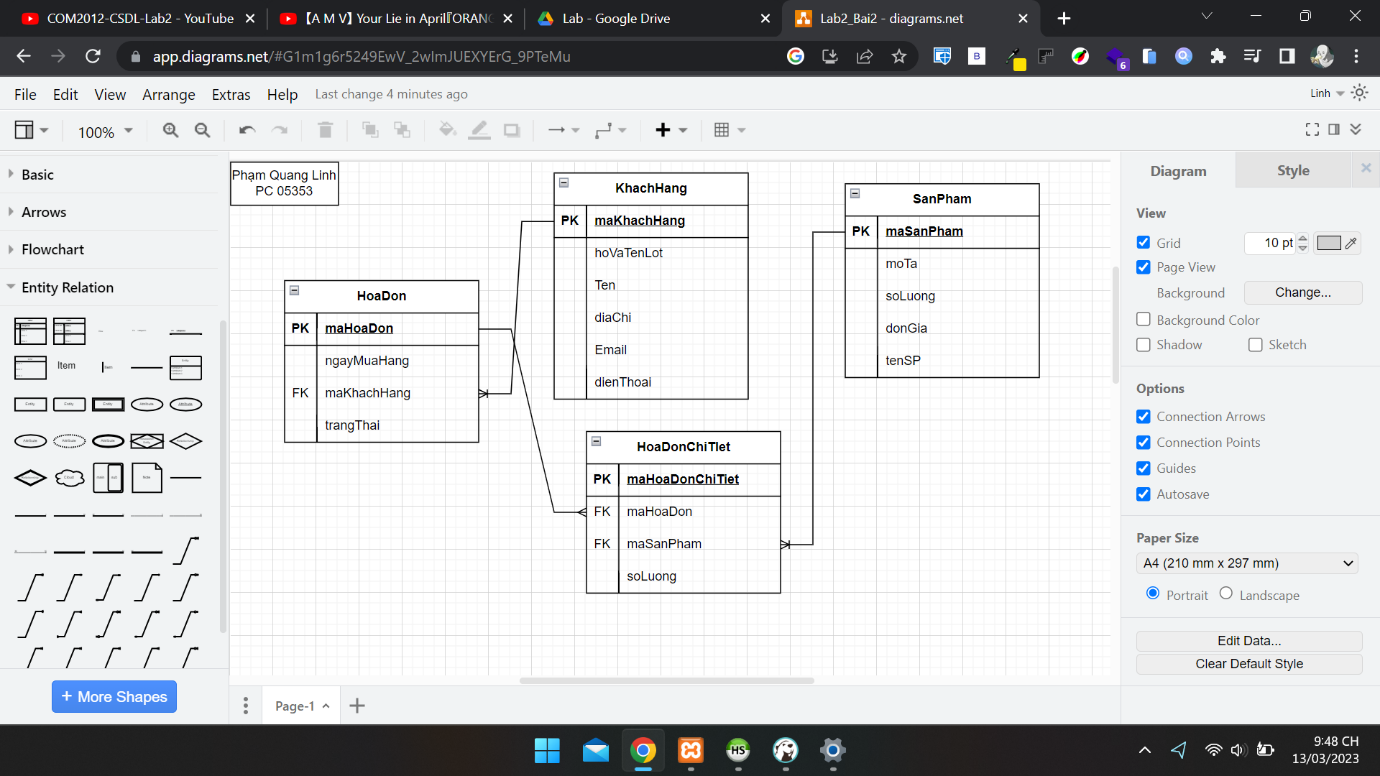
) ENGINE=InnoDB *DEFAULT* CHARSET=utf8mb4 *COLLATE*=utf8mb4\_general\_ci;

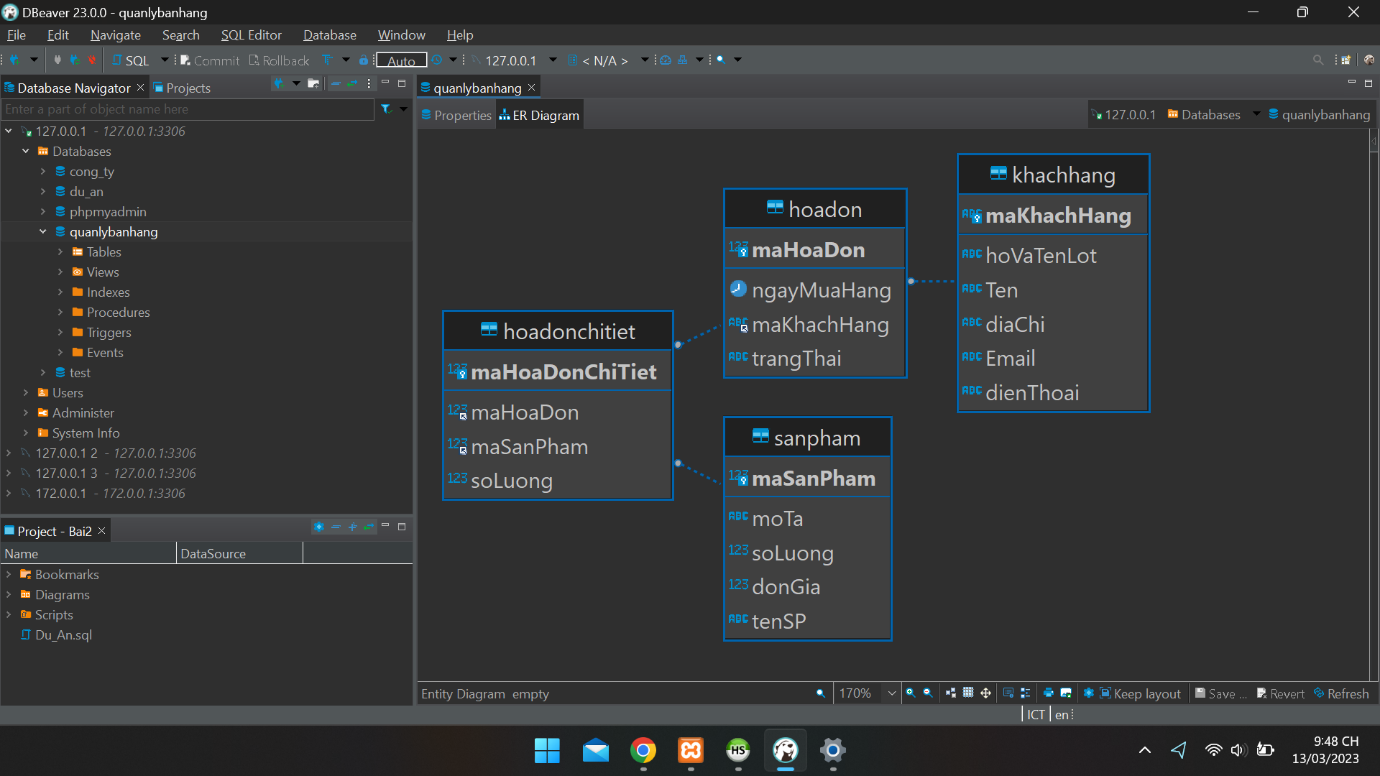
1. Nhập dữ liệu:



# Bài 2:

1. Bảng:





1. Các thực thể:

CREATE TABLE **IF** NOT EXISTS `khachhang` (

  `maKhachHang` varchar(5) NOT NULL *DEFAULT* '',

  `hoVaTenLot` varchar(50) NOT NULL *DEFAULT* '0',

  `Ten` varchar(50) NOT NULL *DEFAULT* '0',

  `diaChi` varchar(255) NOT NULL *DEFAULT* '',

  `Email` varchar(50) NOT NULL *DEFAULT* '',

  `dienThoai` varchar(13) NOT NULL *DEFAULT* '',

*PRIMARY KEY* (`maKhachHang`)

) ENGINE=InnoDB *DEFAULT* CHARSET=utf8mb4 *COLLATE*=utf8mb4\_general\_ci;

CREATE TABLE **IF** NOT EXISTS `sanpham` (

  `maSanPham` int(11) NOT NULL,

  `moTa` varchar(255) NOT NULL *DEFAULT* '',

  `soLuong` int(11) NOT NULL *DEFAULT* 0,

  `donGia` double NOT NULL *DEFAULT* 0,

  `tenSP` varchar(50) NOT NULL *DEFAULT* '0',

*PRIMARY KEY* (`maSanPham`)

) ENGINE=InnoDB *DEFAULT* CHARSET=utf8mb4 *COLLATE*=utf8mb4\_general\_ci;

CREATE TABLE **IF** NOT EXISTS `hoadon` (

  `maHoaDon` int(11) NOT NULL,

  `ngayMuaHang` date NOT NULL,

  `maKhachHang` varchar(5) NOT NULL *DEFAULT* '',

  `trangThai` varchar(50) NOT NULL *DEFAULT* '',

*PRIMARY KEY* (`maHoaDon`),

  KEY `maKhachHang` (`maKhachHang`),

*CONSTRAINT* `FK\_hoadon\_khachhang` *FOREIGN KEY* (`maKhachHang`) *REFERENCES* `khachhang` (`maKhachHang`)

) ENGINE=InnoDB *DEFAULT* CHARSET=utf8mb4 *COLLATE*=utf8mb4\_general\_ci;

CREATE TABLE **IF** NOT EXISTS `hoadonchitiet` (

  `maHoaDonChiTiet` int(11) NOT NULL,

  `maHoaDon` int(11) NOT NULL,

  `maSanPham` int(11) NOT NULL,

  `soLuong` int(11) NOT NULL,

*PRIMARY KEY* (`maHoaDonChiTiet`),

  KEY `maSanPham` (`maSanPham`),

  KEY `maHoaDon` (`maHoaDon`),

*CONSTRAINT* `FK\_hoadonchitiet\_hoadon` *FOREIGN KEY* (`maHoaDon`) *REFERENCES* `hoadon` (`maHoaDon`),

*CONSTRAINT* `FK\_hoadonchitiet\_sanpham` *FOREIGN KEY* (`maSanPham`) *REFERENCES* `sanpham` (`maSanPham`)

) ENGINE=InnoDB *DEFAULT* CHARSET=utf8mb4 *COLLATE*=utf8mb4\_general\_ci;