**create** **schema** hospital;

**create** **table** hospital.medico(

nome\_medico **varchar**(100) **not** **null**,

**constraint** medico\_pk **primary** **key** (nome\_medico)

);

**create** **table** hospital.paciente(

nome\_paciente **varchar**(100) **not** **null**,

telefone **varchar**(20) **not** **null**,

endereço **varchar**(150) **not** **null**,

rg **varchar**(10) **not** **null**,

cpf **varchar**(11) **not** **null**,

motivo **varchar**(200) **not** **null**,

**constraint** paciente\_pk **primary** **key** (nome\_paciente),

**constraint** paciente\_rg\_uk **unique**(rg),

**constraint** paciente\_cpf\_uk **unique**(cpf)

**constraint** motivo\_uk **unique**(motivo)

);

**create** **table** hospital.consulta(

id\_consulta **int** **not** **null**,

nome\_paciente **varchar**(100) **not** **null**,

rg **varchar**(10) **not** **null**,

motivo **varchar**(200) **not** **null**,

nome\_medico **varchar**(100) **not** **null**,

exames\_feitos **varchar**(200) **not** **null**,

**constraint** consulta\_pk **primary** **key** (id\_consulta),

**constraint** exames\_uk **unique**(exames\_feitos)

);

**create** **table** hospital.receita(

id\_receita **int** **not** **null**,

id\_consulta **int** **not** **null**,

nome\_paciente **varchar**(100) **not** **null**,

rg **varchar**(10) **not** **null**,

exames\_feitos **varchar**(200) **not** **null**,

preescricao **varchar**(200) **not** **null**,

**constraint** receita\_pk **primary** **key** (id\_receita),

**constraint** preescricao\_uk **unique**(preescricao)

);

**alter** **table** hospital.consulta

**add** **constraint** medico\_fk **foreign** **key** (nome\_medico) **references** hospital.medico(nome\_medico);

**alter** **table** hospital.consulta

**add** **constraint** paciente\_fk **foreign** **key** (nome\_paciente) **references** hospital.paciente(nome\_paciente);

**alter** **table** hospital.consulta

**add** **constraint** motivo\_fk **foreign** **key** (motivo) **references** hospital.paciente(motivo);

**alter** **table** hospital.consulta

**add** **constraint** rg\_paciente\_fk **foreign** **key** (rg) **references** hospital.paciente(rg);

**alter** **table** hospital.receita

**add** **constraint** consulta\_fk **foreign** **key** (id\_consulta) **references** hospital.consulta(id\_consulta);

**alter** **table** hospital.receita

**add** **constraint** nome\_paciente\_fk **foreign** **key** (nome\_paciente) **references** hospital.paciente(nome\_paciente);

**alter** **table** hospital.receita

**add** **constraint** exame\_paciente\_fk **foreign** **key** (exames\_feitos) **references** hospital.paciente(exames\_feitos);

**alter** **table** hospital.receita

**add** **constraint** rg\_paciente\_fk **foreign** **key** (rg) **references** hospital.paciente(rg);