|  |
| --- |
|  |
| Questão A) Chave(s):numero\_projeto   |  | | --- | |  | |  | Dependência (s): numero\_projeto -> nome\_projeto, data\_inicio\_projeto, numero\_gerente, nome\_gerente | |  | numero\_empregado -> nome\_empregado, numero\_depto, nome\_depto, horas\_trabalhadas\_projeto | |  | numero\_depto -> nome\_depto | |  | numero\_gerente -> nome\_gerente |   Projeto   |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | num\_  empreg | nom\_  empreg | num\_  depto | nom\_  depto | num\_ger | nome\_  ger | num\_proj | nom\_proj | dat\_inic\_proj | hrs\_trab\_proj | | 1 | JOSE | 22 | RH | 3 | MARIA | 10 | X1 | 26/03 | 100 | | 2 | CHICO | 22 | RH | 3 | MARIA | 10 | X1 | 26/03 | 10 | | 3 | JOAO | 20 | FINANC | 3 | MARIA | 10 | X1 | 26/03 | 50 |   Projeto 1° FN   |  |  |  |  |  | | --- | --- | --- | --- | --- | | num\_proj | nom\_proj | dat\_inic\_proj | num\_ger | nome\_  ger | | 10 | X1 | 26/03 | 3 | MARIA | | 10 | X1 | 26/03 | 3 | MARIA | | 10 | X1 | 26/03 | 3 | MARIA |   Projeto\_Empregado   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | num\_proj | num\_  empreg | nom\_  empreg | num\_  depto | nom\_  depto | hrs\_trab\_proj | | 10 | 1 | JOSE | 22 | RH | 100 | | 10 | 2 | CHICO | 22 | RH | 10 | | 10 | 3 | JOAO | 20 | FINANC | 50 |   Projeto 2° FN   |  |  |  |  |  | | --- | --- | --- | --- | --- | | num\_proj | nom\_proj | dat\_inic\_proj | num\_ger | nome\_  ger | | 10 | X1 | 26/03 | 3 | MARIA | | 10 | X1 | 26/03 | 3 | MARIA | | 10 | X1 | 26/03 | 3 | MARIA |   Projeto\_Empregado   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | num\_proj | num\_  empreg | nom\_  empreg | num\_  depto | nom\_  depto | hrs\_trab\_proj | | 10 | 1 | JOSE | 22 | RH | 100 | | 10 | 2 | CHICO | 22 | RH | 10 | | 10 | 3 | JOAO | 20 | FINANC | 50 |   Empregado   |  |  |  |  | | --- | --- | --- | --- | | num\_  empreg | nom\_  empreg | num\_  depto | nom\_  depto | | 1 | JOSE | 22 | RH | | 2 | CHICO | 22 | RH | | 3 | JOAO | 20 | FINANC |   Projeto 3° FN   |  |  |  |  |  | | --- | --- | --- | --- | --- | | num\_proj | nom\_proj | dat\_inic\_proj | num\_ger | nome\_  ger | | 10 | X1 | 26/03 | 3 | MARIA | | 10 | X1 | 26/03 | 3 | MARIA | | 10 | X1 | 26/03 | 3 | MARIA |   Gerente   |  |  | | --- | --- | | num\_ger | nome\_  ger | | 3 | MARIA | | 3 | MARIA | | 3 | MARIA |   Projeto\_Empregado   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | num\_proj | num\_  empreg | nom\_  empreg | num\_  depto | nom\_  depto | hrs\_trab\_proj | | 10 | 1 | JOSE | 22 | RH | 100 | | 10 | 2 | CHICO | 22 | RH | 10 | | 10 | 3 | JOAO | 20 | FINANC | 50 |   Empregado   |  |  |  |  | | --- | --- | --- | --- | | num\_  empreg | nom\_  empreg | num\_  depto | nom\_  depto | | 1 | JOSE | 22 | RH | | 2 | CHICO | 22 | RH | | 3 | JOAO | 20 | FINANC |   Departamento   |  |  | | --- | --- | | num\_  depto | nom\_  depto | | 22 | RH | | 22 | RH | | 20 | FINANC |   *Questão B)* Chave(s): cd\_pedido   |  | | --- | |  | |  | |  | Dependência (s): cod\_pedido -> dat\_emissao, cod\_fornecedor, nom\_fornecedor, end\_fornecedor, vlr\_total\_pedido | |  | {cod\_pedido, cod\_material} -> qtd\_pedido, vl\_total\_material | |  | cod\_material -> dsc\_material, vlr\_unitario | |  | cod\_fornecedor -> nom\_fornecedor, end\_fornecedor |   Pedido   |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | cod\_ped | dat\_  emissao | cod\_  forn | nom\_  forn | end\_  forn | cod\_mat | dsc\_mat | qtd\_  pedido | vlr\_  unit | vl\_  total\_  mat | vlr\_  total\_  ped | | 5 | 14/03 | 03 | Coca  -Cola | EPTG  Lt 1 e 2 | 1517 | Refrite | 100 | 3,50 | 300,00 | 300,00 | | 2 | 27/03 | 07 | Mineiro | AV.Goias | 1023 | Refri | 250 | 2,50 | 650,00 | 650,00 | | 9 | 25/03 | 11 | Petra | Antônio  Bandei. Lt 5 | 1207 | Cerveja | 200 | 2,89 | 578,00 | 578,00 | |
|  |

Pedido 1° FN

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| cod\_ped | dat\_  emissao | cod\_mat | dsc\_mat | qtd\_  pedido | vlr\_  unit | vl\_  total\_  mat/ped |
| 5 | 14/03 | 1517 | Refrigerant | 100 | 3,50 | 300,00 |
| 2 | 27/03 | 1023 | Refrigerant | 250 | 2,50 | 650,00 |
| 9 | 25/03 | 1207 | Cerveja | 200 | 2,89 | 578,00 |

Pedido 2° FN

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| cod\_ped | cod\_forn | cod\_mat | dat\_  emissao | qtd\_ped | vl\_total\_  ped |
| 5 | 03 | 1517 | 14/03 | 100 | 300,00 |
| 2 | 07 | 1023 | 27/03 | 250 | 650,00 |
| 9 | 11 | 1207 | 25/03 | 200 | 578,00 |

Pedido\_material

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| cod\_ped | cod\_mat | dsc\_mat | vlr\_unit | vl\_total\_mat |
| 5 | 1517 | Refrigerante | 3,50 | 300,00 |
| 2 | 1023 | Refrigerante | 2,50 | 650,00 |
| 9 | 1207 | Cerveja | 2,89 | 578,00 |

Pedido 3° FN

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| cod\_ped | cod\_forn | cod\_mat | dat\_  emissao | qtd\_ped | vl\_total\_  ped |
| 5 | 03 | 1517 | 14/03 | 100 | 300,00 |
| 2 | 07 | 1023 | 27/03 | 250 | 650,00 |
| 9 | 11 | 1207 | 25/03 | 200 | 578,00 |

Material

|  |  |  |  |
| --- | --- | --- | --- |
| cod\_mat | dsc\_mat | vlr\_unit | vl\_total\_mat |
| 1517 | Refrigerante | 3,50 | 300,00 |
| 1023 | Refrigerante | 2,50 | 650,00 |
| 1207 | Cerveja | 2,89 | 578,00 |

Fornecedor

|  |  |  |
| --- | --- | --- |
| cod\_  forn | nom\_  forn | end\_forn |
| 03 | Coca  -Cola | EPTG  Lt 1 e 2 |
| 07 | Guaraná  Mineiro | AV.Goias |
| 11 | Petra | Antônio  Bandei. Lt 5 |

Questão C) Chaves: codigo\_aluno, codigo\_curso

|  |
| --- |
|  |
|  | Dependência (s): codigo\_aluno -> nome\_aluno, email\_aluno, fone\_contato |
|  | cod\_curso -> nome\_curso |

|  |
| --- |
|  |

Turma

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| codigo\_aluno | nome\_aluno | email\_aluno | fone\_contato | cod\_curso | nome\_curso | data\_matricula |
| 089 | Fellipe | [Fellipe@email.com](mailto:Fellipe@email.com) | 61-90000-0000 | 1069 | Banco de Dados | 22/02/20 |
| 090 | Jonas | Jonas@email.com | 61-9333-4444 | 1478 | Interface de Sist | 29/02/20 |
| 078 | Luisa | [Luisa@email.com](mailto:Luisa@email.com) | 61-92222-2222 | 1245 | Linguagem de Pr | 02/03/20 |

Turma 1° FN

|  |  |  |
| --- | --- | --- |
| codigo\_aluno | cod\_curso | data\_matricula |
| 089 | 1069 | 22/02/20 |
| 090 | 1478 | 29/02/20 |
| 078 | 1245 | 02/03/20 |

Aluno 2° FN

|  |  |  |  |
| --- | --- | --- | --- |
| codigo\_aluno | nome\_aluno | email\_aluno | fone\_contato |
| 089 | Fellipe | [Fellipe@email.com](mailto:Fellipe@email.com)  Fellipe078@email.com | 61-90000-0000 |
| 090 | Jonas | Jonas@email.com | 61-91111-1111  61-9333-4444 |
| 078 | Luisa | [Luisa@email.com](mailto:Luisa@email.com)  Luisaa484@email.com | 61-92222-2222 |

Curso 3° FN

|  |  |
| --- | --- |
| cod\_curso | nome\_curso |
| 1069 | Banco de Dados |
| 1478 | Interface de Sist |
| 1245 | Linguagem de Pr |

Questão D) Chaves(s): num\_paciente, data\_consulta, cod\_medico

|  |
| --- |
|  |
|  |  |
|  |  |
|  | Dependência (s): num\_paciente -> nome\_paciente |
|  | cod\_medico -> nome\_medico, cod\_especialidade, dsc\_especialidade |
|  | cod\_especialidade -> dsc\_especialidade |

|  |
| --- |
|  |

Consulta

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| num\_paciente | nome\_paciente | data\_consulta | dsc\_diagnostico | cod\_medico | nome\_medico | cod\_espec | dsc\_espec |
| 10 | Jonas | 10/5/20 | Dor nas costas | 111324 | Renato | 012 | Ortopedia |
| 07 | Lucas | 27/4/20 | Covid-19 | 245478 | Ana Paula | 021 | Infectologia |
| 03 | Vinicius | 10/4/20 | Pressão alta | 789563 | Maria | 011 | Cardiologia |

Consulta 1° FN

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| num\_paciente | nome\_paciente | data\_consulta | cod\_medico | dsc\_diagnostico |
| 10 | Jonas | 10/5/20 | 111324 | Dor nas costas |
| 07 | Lucas | 27/4/20 | 245478 | Covid-19 |
| 03 | Vinicius | 10/4/20 | 789563 | Pressão alta |

Paciente 2° FN

|  |  |
| --- | --- |
| num\_paciente | nom\_paciente |
| 10 | Jonas |
| 07 | Lucas |
| 03 | Vinicius |

MÉDICO 3° FN

|  |  |  |
| --- | --- | --- |
| cod\_medico | nome\_medico | cod\_espec |
| 111324 | Renato | 012 |
| 245478 | Ana Paula | 021 |
| 789563 | Maria | 011 |

Especialidade

|  |  |
| --- | --- |
| cod\_espec | dsc\_espec |
| 012 | Ortopedia |
| 021 | Infectologia |
| 011 | Cardiologia |

Questão E) Chaves(s): num\_matricula, num\_isbn, dat\_emprestimo

|  |  |
| --- | --- |
|  | Dependência (s): num\_matricula -> nom\_aluno |
|  | num\_isbn -> tit\_livro, num\_paginas, cod\_editora, nom\_editora |
|  | cod\_editora -> nom\_editora  Emprestimo   |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | num\_matric | nom\_aluno | num\_isbn | tit\_liv | dat\_emprest | dat\_devolucao | num\_pag | cod\_edit | nom\_edit | | 17201898 | Saulo | 1313 | Harry Potter | 17/03/20 | 17/04/20 | 394 | 9625 | Rocco | | 17201898 | Andressa | 1212 | Jogos Vorazes | 19/03/20 | 19/04/20 | 413 | 8547 | Scholastic | | 17201898 | Larissa | 1010 | Pequeno Principe | 20/03/20 | 20/04/20 | 150 | 7316 | Gallimard |   Emprestimo 1° FN   |  | | --- | |  | |  | |

|  |  |  |  |
| --- | --- | --- | --- |
| num\_matric | num\_isbn | dat\_emprest | dat\_devolucao |
| 17201898 | 1313 | 17/03/20 | 17/04/20 |
| 17201898 | 1212 | 19/03/20 | 19/04/20 |
| 17201898 | 1010 | 20/03/20 | 20/04/20 |

Aluno 2° FN

|  |  |
| --- | --- |
| num\_matric | nom\_aluno |
| 17201898 | Saulo |
| 17201898 | Andressa |
| 17201898 | Larissa |

Livro

|  |  |  |  |
| --- | --- | --- | --- |
| num\_isbn | tit\_liv | num\_pag | cod\_edit |
| 1313 | Harry Potter | 394 | 9625 |
| 1212 | Jogos Vorazes | 413 | 8547 |
| 1010 | Pequeno Principe | 150 | 7316 |

Editora 3° FN

|  |  |
| --- | --- |
| cod\_edit | nom\_edit |
| 9625 | Rocco |
| 8547 | Scholastic |
| 7316 | Gallimard |