10. Hromadni szpracování dat, datalásze

a) Pro HZD? - Churchem goon relled date (ridon within new reliter operace fourth probless) - probling: - efebline whiching (well soulog or rinked gib a TiB) - efebbre represent (modelshin', morale , nyhleshinim) - souling gim selemonen => Monim = pregrain which andrew Las SSD => maismi Hisran' John or dishill relin' drala (negnisor wronn) a) Wholy HZD - Yellan whole > VEST EVIDENCE Ly udviron privated a morninged adjeted a zijid wholeh Ly majorishin' dala => rytheholmin'; provided abbushim (CRUD) Million , mounts of Richard 1) Rosem - survinal dala rijehndwany blada'n! - powering on principly marginal traver - Tyrick rivery - problem pristrom poble rivery'd blice - kyre ambre - Inducor' soulog - projeton' soulor se swinde'. Ormore inducory' soulor obselye ordhong por trainmony or rejelosin soulour. Indexory soulou je setioren poble rybranch thice. There existent nie internet sortent - rebings min proh mi rojalni => ryellija riorum of prigon a journ 2) Tyhu - Taybladirain hidograi - Arth Mybranich State (Jehndays, short)

(hnihom 1HZD) hom hout aplikum dulkan) DBS 15 high level

4) Thomson - friend musi formally dat - regard , import dal - myri, level & Olababaine

S) Formulation - Malup dal - intouthing problem for substituted del windles , Mr Makin Olhow gold.

- magic melon straint per vion month whom do Mahrowishith obchow & formalation for mytherine petrois Andle Ming to Schilling alder

6) Yeslang - Modern dal

- probleding fromthome of aleby delaring

- majo, showaha rupuruntigis! makaga konthe i mjalus! fahrer ald ...

- nikhy za kranin mer. formulin a sisterom negotal Ly via makeyn' konger or Nebelson un obselete

- infram existingial reframme, printer months, odedramini shouth - Introduced - reminy so observed aplikuje do souhoren - fix ministed socialized printerted pillio ponde (more wallate) - Da'nkorn!! - Rememore andra - stanley solve del la witchin solven - state remon - Otsahije Rahrang permen pen wrech! attabl

- pr ablustinoin openie

- Dolary or delabrical obought pormal delarometer group (SQL)

- Inklaim operace: - for Bahora dad

3) abhasmu

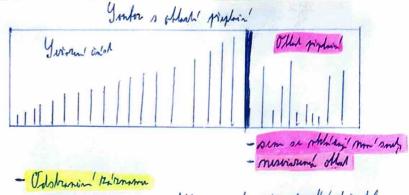
- andudoud program - or planowin tour aplifye proof of promont south

- Molesten Misser Il 1 return met moon returned

- Azilady: Algoritya / moriant shown ogome

Umenoy soutor (hohmich x) abuntina --> homen, south Youton Domin (he obowship) (con it x day)

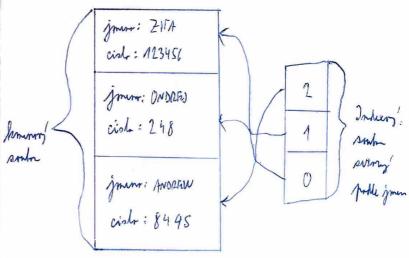




- postobry problem john in robolishin! mulour prinsoned melly object dal
- thour : Morion printende or Palmones
 - · Pornom obsahuje logisku polosku privonole aldinole/smoronale protee
 - · Whaten ogurace ignorigh statumon a printinatum someranite protes
 - · fyrich otherwing proving or abbushing program

Indusy soulor

- homeny and numm / b/h winy
- indexes, super ; bound, super & expend we required a permission super
 - je svivrený podle sybunik blim (iteníh se komenou souha) - pro giden homenos another job regarded view indexessed;
 - swimming fable mingh bolisis (i skringht)
- Pornambai Myny princip regulable undergrand on pour is print palars rellying poli



- Nighody: Miss publing is vighteding podde mininger blive - or dalahalah jobe trosh a fourtany medominum
- Muryley: Rubinal mich month (ale shipin pringing of holy)

inform = intopolan' olch Dalalating system 6.1.2024 I prisat spaconin' dal - merhand minch orgalism = pomola other muchback of oldly - Znjisthuji: - organisme dul - dololoin (DB) - represent representat dul: - manipular o Monly - , Syphim ridrum! Som dat (STEBD) - filoly to dalling Ilmouranin' squamin' (15) - Informa oyalin application (off app) - o horrich rymoorin' horraben = reasonite abbeating dat - interpreten dat - wholy: - unbrubbi', jumodushi Jodylina mini - Me chyly so prijet m pie rodyw -> rosun' informin - Mechanisty milrorent; - mulos privated sometimeny privaley when privalent Delphirm systim Ly Annil jy; Hurswinh. (Agridomismos publing => promptin / Lockel No) - Murmonial Balling problems - Dalaharu = Monorian loguely majorialough dal - hypirty porm labalet, nin pulson dalabare Ly Exhain me rolly no somiron philology - SPBD = - Cash DBS for monigodoni a pinalyor its clahim Darkon represent - obsahuje unborrat garafin pr: - bransaku su resonamoning do sout temin (sin HED) · definise delabore => for definoral strobbing dat a - figured rowing or dalut as untiley product (Weath month programm) white muri mimi - Merifley: - shrishigh' marripalan o daly · manipular so duly => pr soldindin' akterationi = no/horde - mobile he disposis a problem Ly operan from hall able is no very or souther power - SQL - What : - uniminated willow - winer way bring - Nobrik dalabatra: analytras / Natral | Realisme (SOI) + APP & DB(s) distributarial ozeling Wrone pohlula ma dala - that relian me miner promount position sale - Thompson his just class is world more mini je how sullet sul Ly privily labely - club whin Which with, - Yoging (dallating) ;- popis dat 1 provided a robbin - stration dulation blog je rejnin prviron - from handradadh, progrigadout gorgh SQL - Dishihuman syrumini: - Argundan ji or sprish variha prindustan Pyracován - Figured: - pagin when total (winder / magramen of otalling: SP-BD) Eddlient a pak je propagovin on negithinoith he would have the - unbrila tildial system Delon' modely - dollin' on wabrilling distrobusion dalation - Hinribial + silling model - Mich prisoly , robergeom's regarism' probresh; definin DB - Melacin' doloj model (dominji due) - reglody: - regult othern per blish dala - O'Azalotz dadory model - moint prin a phorolying objing dul Ly mydding 1200P - morghy: - helical natroined (molored sillar architabling)

Relain dalphire

- dala - Moriam or Maballand - Madride or Maballa = 12 horan = popis jedan landout whity million soils

- Maly = rulou
- provoul stouchting tabalete a othered more 12 mones

Centila (Rateman) divided or Mathelia

- Moroinillar jednosmin idralifikadlar objekt reallach.

- Julian Paronom = Hadde Mobily => 1 of chyl whiley

- Modelham joner (oston advisa ...)

Centilal marin = marin entil Altro lype - Mahadha

While

- Mashood antily

- mil jmine a dalos by (cisto; heat; dalun; ...)

World mer Primmy

- realizaria promal priminal a lined believe

- ornigem sloney

D.Lardinali/a

- Vezjadvinje frist velatis, ne koloných se dodila maria vezskylant

1:1

- jeden Karenoon Muser bijt organ jednim dalon Raternomen

- myi. what - richall

1:N

- jeden Prosenam Milis boll spriger s me deloine Patronary

- magi. skola - will

- nejinohizai

M:N

- for omoun

- migde runditural prime - must se regloried botali, watched labelle N:1 + 1:M = M:N

- maji, předmit-rink-předmit-vyukou akujím-třík

Marso Addly

(Instru)

(Instruction)

(

Oriman Ildio

- Jednormain- identifikaje mirrom

- monthly Jedimon a regulating (ministly on miles minis)

- jehnduds - hond jej giren ababah

- string - Aming mornism whichous

Circl Abli

- other ma jir Parnam or Misin met jim hababu

- je skijnih bypu jako primin' klis odkorovnista morovn

- otoshuj hodosh primbrih blir odkorovske retomme

Integritan' omeren!

- priville omenije dala a veletz v Natula

- polyant relace je lakom', below sylingi kalegnih omern

Reference integrita

- Marilla sudvingin barrental relater DB

- Mayio thigh I The pri Reminded medagethe he replaced myladay'd orthorni

- majo. majoh somman hilder (helson' strolegi shadany

- your pulsum integral to roll to mukerrolum del

- la modonil chronin' DBS, ledy dijde le polesan operni porusizin'

provide. majo. somen' whereone's Paterone (myorald, nel smar me >)

Redundance dal (modelphins)

- sligni súdyjenou orgalyty! ne mín totallite

- dishler is palant proton delation

- reson as form order

- love mboyen mekonowshe dal

- minus offen del

Máme databázi ZOO, ve kterém máme tabulky zvíře, ošetřovatel a pavilon. Ošetřovatel pracuje jen v jednom pavilonu. Příklad entity: Anička gorila má 15 let, je to samice a je v pavilonu číslo 5. Ošetřovatel Tomáš Jedno pracuje v pavilonu 7. Pavilon 5 je "Pavilon opic". Pohlaví je tradičně 1 pro samici a 0 pro samce.

Zvíře		, ,	Ošetřovatel	
D_Z	ciple		ID_O	cials
Jméno	Mexi		Jméno	Neel
Rod	lext	,	Příjmení	Ners
Věk	Cholr		Pavilon	číst
Pohlaví	cholo		m	×
Pavilon	Chola			

- Vyznačte primární a cizí klíče (napište způsob vyznačení), zobrazte vztahy mezi tabulkami a jejich kardinalitu. Ošetřovatel může pracovat jen v jednom pavilonu.
- 2. Doplňte k položkám ve všech tabulkách správné datové typy.
- 3. Vložte do tabulky Ošetřovatel novou entitu: Ošetřovatel Jan Krásný pracuje v pavílonu 2. Přidělte mu ID

 12.

 INSERT INTO Oždřanskí VALVES (12, 11 Jan 11 1 Drušky 11, 2);
- 4. Vyhledej všechna zvířata (jméno, rod), která jsou v pavilonu 7, seřadte je podle věku (od nejmladšího).

 SELECT Zním. Jmín, Prod. WHERE Zním. Parilin = 7 ORDER BY Zním. Tik;
- 5. Vyhledej všechna zvířata (jméno, rod), o které se stará ošetřovatel "Krásný".

 SELECT Znr. John Znir. Rod JUN Parilm ON Panilm. ID-P = Znr. Panilm John Controll On Volkiantil. Panilm = Panilm. ID-P WHELE (Tolkiantil. Prijmm/ LIKE "Jordan");
- 6. Zjisti, kolik je v ZOO samic a kolik samců.

 SELECT Pollon COUNT(*) FROM YNNE GRAP BY Pollon's