程。原循語所代數DES编辑等

Question A

Assume a patient of If using Oracle ha

nnce per day ribute containing both date and time

1.

INSERT anomaly:

Can't insert a dentistruitil they have a patient appointment WECHAT. CSTUTORCS

DELETE anomaly:

When the last existing record of an appointment for a dentist is deleted, the dentist's details are lost

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UPDATE anomaly:

If a dentist's details are to be updated exchange of name, pultiple rows need to be updated ASSI Phinacliff the control of the

2. https://4938947ler.com

UNF:

APPOINTMENT A LETTE CONTINUE (CATTER TO STATE OF THE PROPERTY NO.)

(2)

UNF:

DENTIST(staffno, dentistname, {patno, patname, appointment, surgeryno})

(3)

UNF:

DENTIST(staffno, dentistname, {patno, patname, {appointment, surgeryno}})

程序代写代做 CS编程辅导 3. UNF: patno, patname, appointment, surgeryno) **APPOINTMEN Using Simple De 1NF**: **APPOINTMENT** dentistname, patno, patname, , surgeryno) Full dentistname staffno appointment patname surgeryno **Partial** Transitive Project Exam Help OR staffno, appointment -> patno, surgeyno (FULI staff no -> dentistname PARTIAL patno - Assi gamacintultojeco Esano Help 2NF: **DENTIST** (staffno, dentistname) APPOINTMENT OF THE PROPERTY OF 3NF: **DENTIST** (staffno dentistname) APPOINTMENT ALTO DEPO ME LOT OF TO THE LOT OF THE PATIENT (notes notes and the lot of th

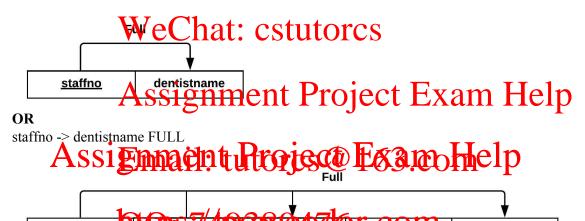
PATIENT (patno, patname)

4. 程序代写代做 CS编程辅导

UNF:



APPOINTMENT(*staffno*, appointment, patno,patname,surgeryno)



Atdos: Wte Chas: pomcoder

staffno, appointment -> patno, surgeryno FULL patno -> patname TRANSITIVE

2NF:

OR

There is no partial dependency.

staffno

DENTIST (<u>staffno</u>, dentistname) **APPOINTMENT**(<u>staffno</u>, <u>appointment</u>, patno,patname,surgeryno)

3NF:

DENTIST (<u>staffno</u>, dentistname) **APPOINTMENT**(<u>staffno</u>, <u>appointment</u>, <u>patno</u>, surgeryno) **PATIENT**(<u>patno</u>, patname)

surgeryno

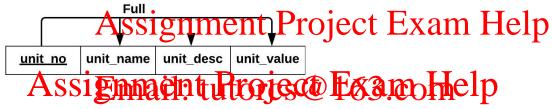
Question B 程序代写代做 CS编程辅导

STEP 1: NORMALISATION:



UNIT (unit no, unit name, unit desc, unit value)

1NF
UNIT (unit_no, un Viame un trast, unit Satistores



OR

unit_no -> unit_name, unit_desc,,unit_value FULL_

https://4938947ler.com

UNIT (unit no, unit name, unit desc, unit value)

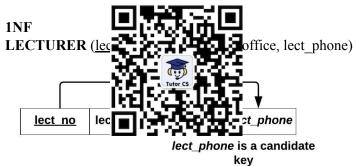
3NF Atoos: Wtelchas.pomcoder

UNIT (<u>unit_no</u>, unit_name, unit_desc, unit_value)

LECTURER REPORT 程序代写代做 CS编程辅导

UNF

LECTURER (lect no, lect name, lect office, lect phone (unit no, unit name))



There is no transitive dependency beforelated to left phone as lect_phone is a candidate key transitive dependency is about the removal of non-key dependencies ie. dependencies between non-key attributes (lect phone is not a non-key attribute)

OR Assignment Project Exam Help lect_no -> lect_name, lect_office, lect_phone FULL OR

ADVISAS dect in Emilia chi trultro is con Esamo Help



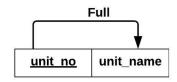
tetchas.pomcoder OR unit no -> unit name PARTIAI

2NF

LECTURER (<u>lect no</u>, lect name, lect office, lect phone)

ADVISES (lect no, unit no)

UNIT (unit no, unit name)



OR

unit_no -> unit_name FULL

3NF LECTURER (lectal lectrafic lectric lectrons S编程辅导

(lect_phone is a candidate key and hence transitive dependencies are not present)



UNF

STUDENT (stu_no, stu_name, stu_address, stu_crse, stu_mode, lect_no, lect_name (unit_no, unit_name, vv_sen_gradeat: CStutorcs

Note: replacement of mentor details with lecturer details - a mentor is a lecturer - this prevents the introduction of synonyms (attributes with different names but representing the same thing)

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1NF

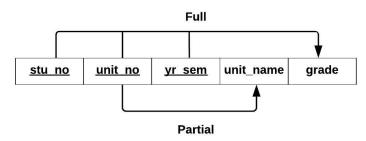
STUDENT (<u>stu_no</u>, stu_name, stu_address, stu_crse, stu_mode, lect_no, lect_name)



OR

stu_no -> stu_name, stu_address, stu_crse, stu_mode, lect_no FULL lect_no -> lect_name TRANSITIVE

AC-REC (stu no, unit no, yr sem, unit name, grade)



OR

stu_no, unit_no, yr_sem -> grade unit no -> unit name PARTIAL

2NF STUDENT (stu_n存取 fane, st_a a ss stu_to st Cosi 编 t程 le輔ans)

AC-REC (stu_no, unit_no, yr_sem, grade)



OR

unit_no -> unit_name FULL

WeChat: cstutorcs

STUDENT (stu_no, stu_name, stu_address, stu_crse, stu_mode, lect_no)

LECTURER (lect Acsetigment Project Exam Help



or https://4908947der.com

AC-REC (stu_no, Avitable S. With the state of the second coder

UNIT (unit_no, unit_name)

COLLECTED 3 NF Relations: 写代做 CS编程辅导

- 1. UNIT (unit no, unit name, unit desc, unit value)
- 2. LECTURER (1 office, lect phone)
- 3. ADVISES (lect
- 4. UNIT (unit_no.
- 5. STUDENT (stu dress, stu_crse, stu_mode, lect_no)
- 6. LECTURER (lect no, lect name)
- 8. UNIT (<u>unit no</u>, unit name)

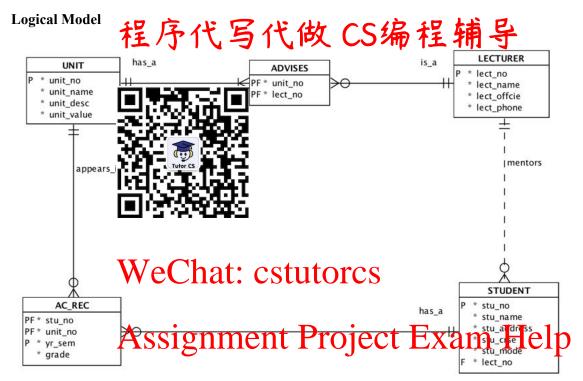
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STEP 2: ATTRIBUTE SYNTHESIS

- UNIT (unit_no, unit_no suit_49684006r.com
- 2. & 6.

LECTURER (lecture) os Wiedings pomcoder

- ADVISES (lect no, unit no)
- 5. STUDENT (stu no, stu name, stu address, stu crse, stu mode, lect no)
- 7. AC-REC (stu no, unit no, vr sem, grade)



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