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Assignment Project Exam Help

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FIT9132 Introduction to  
Assignment Project Exam Help  
databases

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## Assignment Project Exam Help Overview

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- Moodle
  - Unit guide
    - Assignment Project Exam Help
  - Teaching Method (Peer Instruction)
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  - What are we going to learn this semester?
    - Add WeChat powcoder
- And why?

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# How does this unit work?

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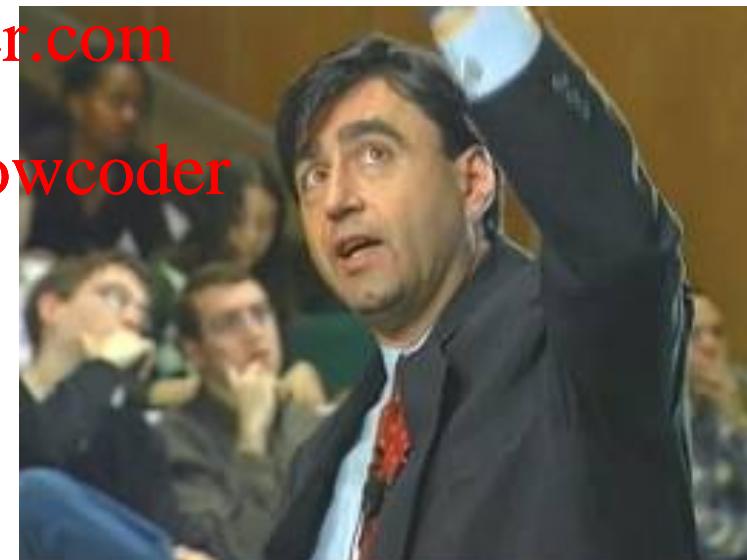
- The peer helps you to understand the concepts. Assignment Project Exam Help

- You discuss the concepts.

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- The lecturer guides the discussion.

Peer  
Instruction



Prof Eric Mazur, Harvard University

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# Typical Teaching Method

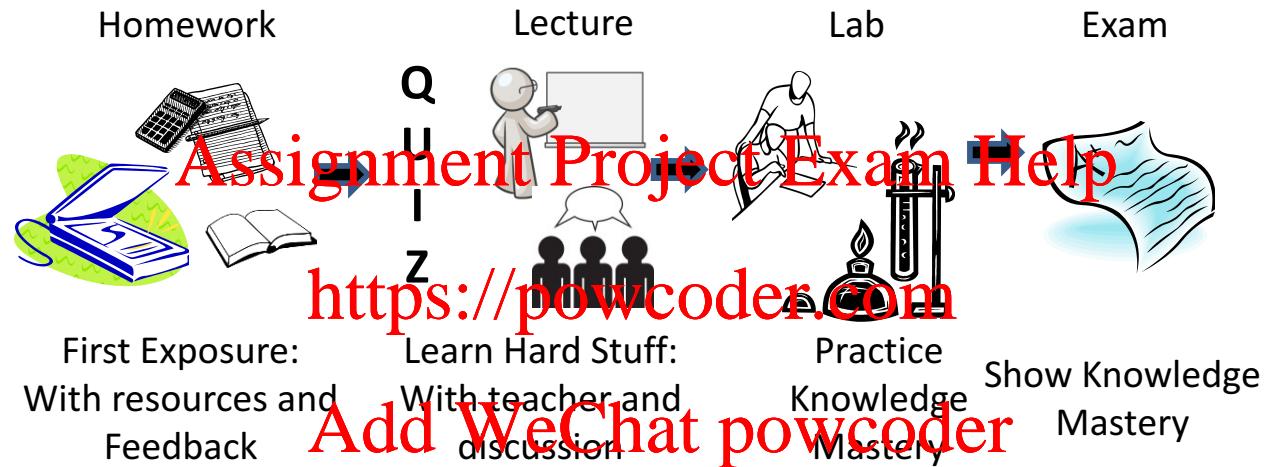
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# Peer Instruction - Full Picture

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# Peer Instruction During Lecture

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## Quiz questions

- Confirming “simple” concepts that you should grasp from pre-lecture reading.
- No discussion.
- Individual vote.
- Noted by a red boundary on the slide.

## Discussion questions

- Question that will stir your thoughts.
- More “difficult” concepts.
- Will involve group discussion.

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# Discussion Questions – Scenario

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- Lecturer shows a question.
- Student answers using the response system.  
(no discussion, individual vote).
- Group discussion (2-3 students) – need to get a consensus. Add WeChat powcoder
- Student answers using the response system (group vote – everyone in the group still needs to vote).
- Class wide discussion.

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# Assignment Project Exam Help Why The Scenario?

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- Pose carefully designed question
  - Solo vote: Think for yourself and select answer
    - Making you to have an opinion to base your discussion during the group discussion.
  - Discuss: Analyze problem in teams of 2-3
    - Practice analyzing talking about challenging concepts
    - Reach consensus
    - If you have questions, raise your hand and the tutors or I will come around
  - Group vote: Everyone in group votes
    - You must all vote the same
    - Convince your group or get convinced by your group.
  - Class wide discussion.

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# Practice

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$$2 + 2 + 2 = ?$$

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a. 4

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b. 6

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c. 3

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d. 8

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If the following equations are true,

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$$5 + 3 = 28$$

$$9 + 1 = 810$$

$$8 + 6 = 214$$

$$5 + 4 = 19$$

what is  $3 + 2$ ? Add WeChat powcoder

- a. 5
- b. 15
- c. 11
- d. 55

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You are not marked on getting a CORRECT answer.  
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You are marked on your participation (voting using the response system).

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It is better to be WRONG and  
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understand why you are WRONG,  
rather than, getting the RIGHT answer  
but NOT knowing WHY it is the RIGHT  
answer!

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# Assignment Project Exam Help Why Peer Instruction?

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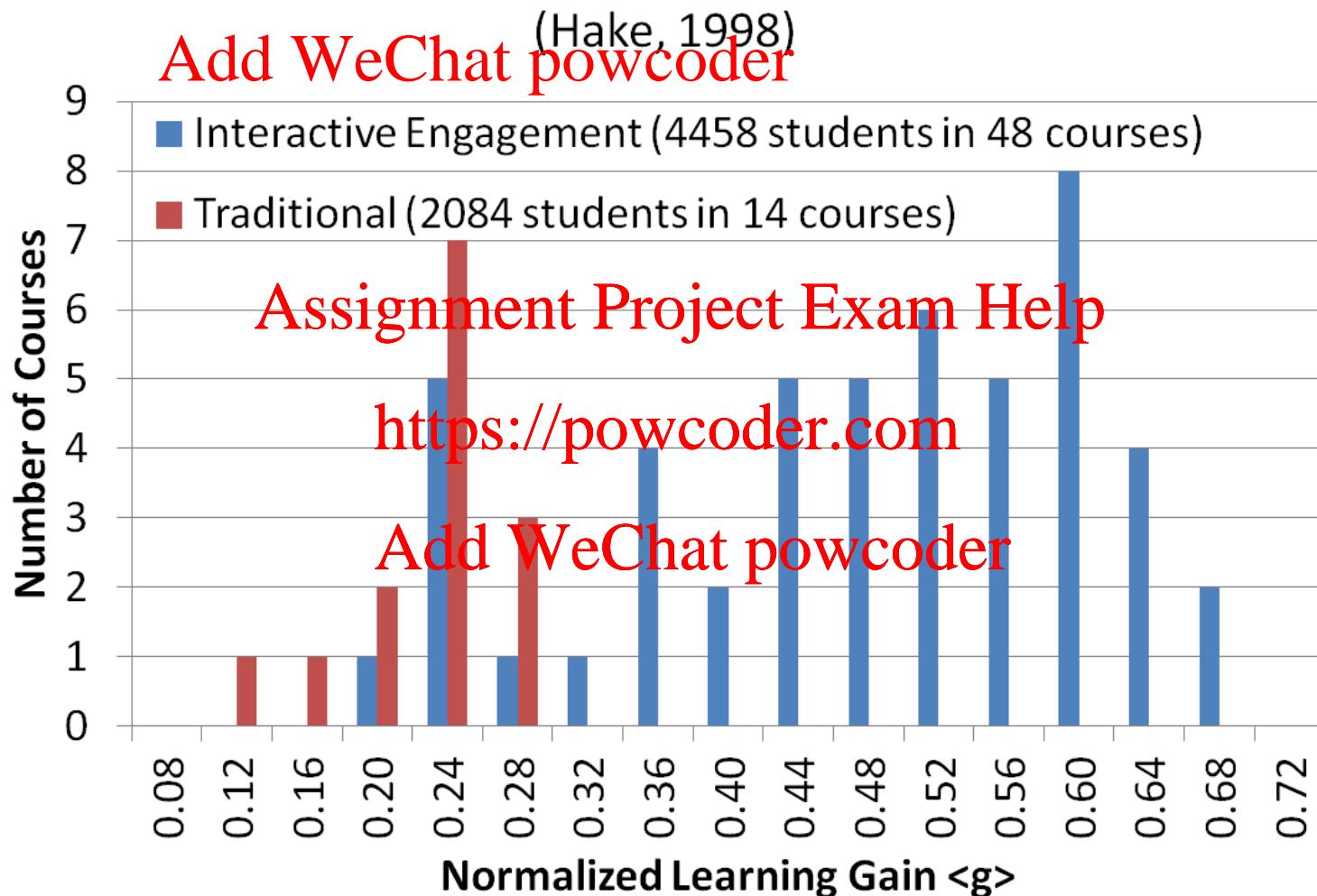
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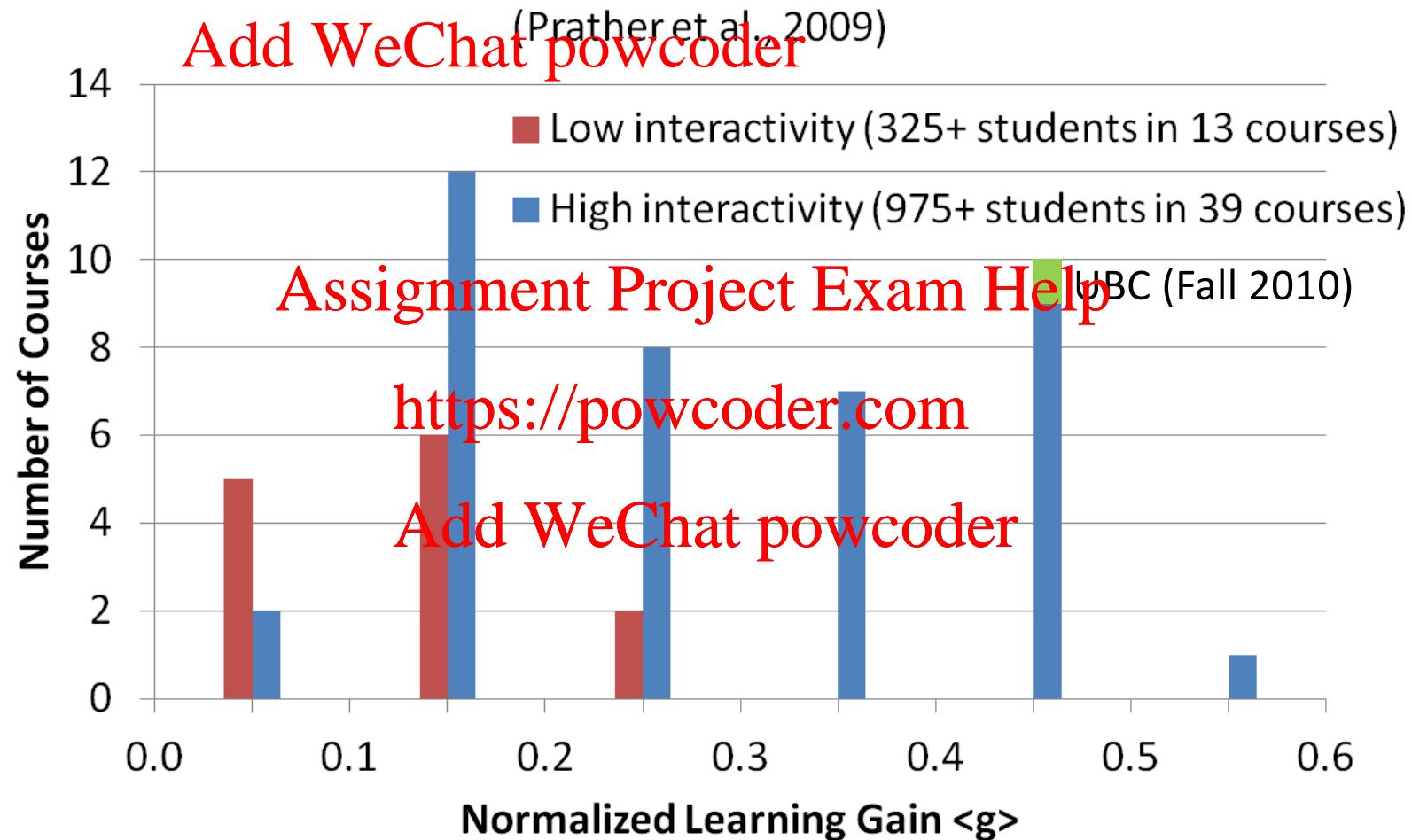
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## Learning Gain on FCI in Traditional and Assignment Project Exam Help Interactive Physics Courses



## Learning Gain on LSCI in Astronomy Courses Assignment Project Exam Help with Low and High Interactivity



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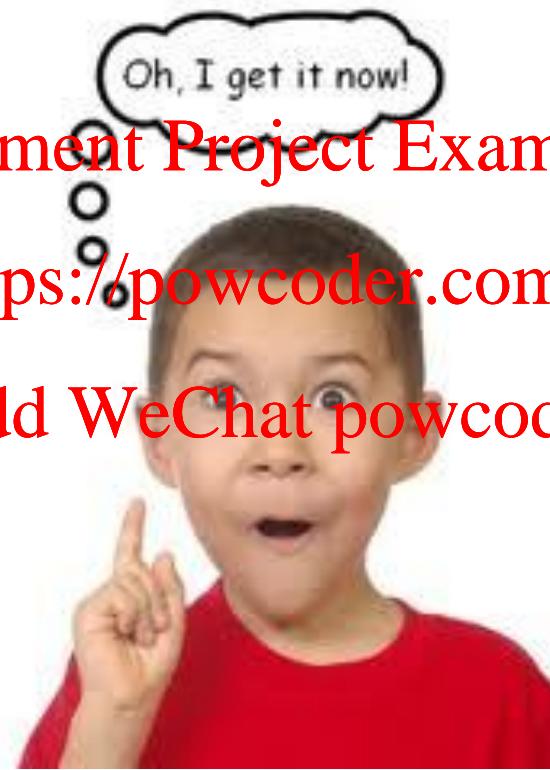
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Assignment ~~Project Exam Help~~ Best Outcome

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# Things May Be Different...

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- Pre-lecture reading is crucial.
  - Your lecture experience will depend on your preparation
- My lecture slides are NOT your notes!
  - Create your own notes during pre-lecture reading.
  - Annotate difficult concepts, revisit the annotation after lecture/tutorials.
  - It is better not to take notes during lecture. You should be prepared before the lecture and to think, discuss and ask questions during lectures.

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- How to prepare for exam?
  - Your notes/annotated textbook
  - Revise quiz questions
  - Revise discussion questions
    - Understand why an option is correct or incorrect.
  - Revise tutorial exercises.
    - Some details of concepts will be learned during tutorial class.

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# Assignment Project Exam Help

## Why a database unit?

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- Own by an individual
- Produced by an individual
- No “crucial” data, important of consistency and accuracy is not paramount.

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- Own by an organisation.

Produced by business

RELATIONAL DATABASES

- Consistency and accuracy is paramount.



NOSQL, Parallel databases,  
Distributed Processing (MapReduce)

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Large transaction  
volume

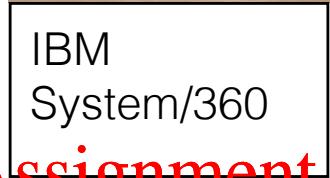
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Early  
Computers



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IBM  
System/360



IBM  
IMS DBMS

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1950s

1961

1964 Add WeChat powcoder

1969

ARPANET

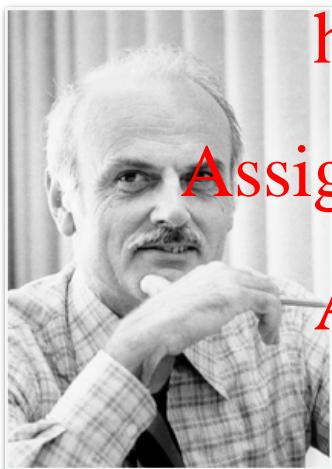


JFK  
Moon Speech



Apollo 11

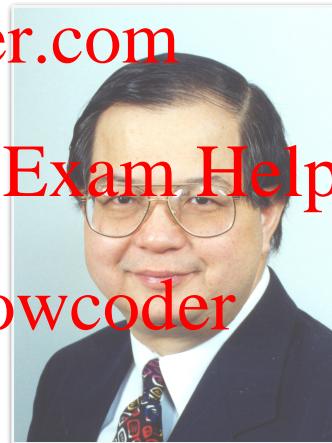
*“Database”*



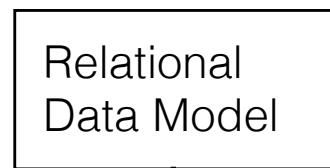
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Apple  
Macintosh



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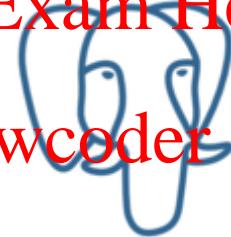


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Microsoft  
SQL Server



PostgresQL  
ORDBMS

SQL3

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1985

1989

1991

1992

1995

1996

1997

1999

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Microsoft  
Windows

Microsoft  
Access



Google



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Hadoop/GFS  
MapReduce

Rise of  
NoSQL

IBM  
IMS DBMS  
V14

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2003

2004

2006

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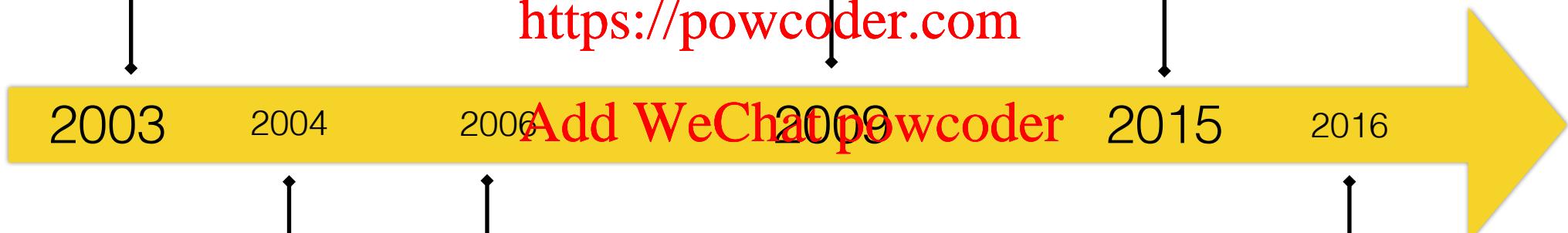
2009

2015

2016



Zettabyte  
Era



Rank	DBMS	Type	Introduced
1	 <b>ORACLE</b> Assignment Project Exam Help 	commercial Relational	1979
2	 Microsoft® <b>SQL Server®</b> Add WeChat powcoder	open-source Relational	1995
3	 <b>PostgreSQL</b>	commercial Relational	1989
4	 <b>IBM DB2</b> Assignment Project Exam Help	open-source Relational	1996
5	 <b>mongoDB</b> <a href="https://powcoder.com">https://powcoder.com</a>	open-source NoSQL	2009
6	 <b>Apache CASSANDRA</b> Add WeChat powcoder	commercial Relational	1983
7	 <b>MS Access</b>	open-source NoSQL	2008
8	 <b>SQLite</b>	commercial Relational	1992
9	 <b>redis</b>	open-source Relational	2000
10	 <b>DB-ENGINES</b> Feb 17	open-source NoSQL	2009

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# Assignment Project Exam Help Relational (what?)

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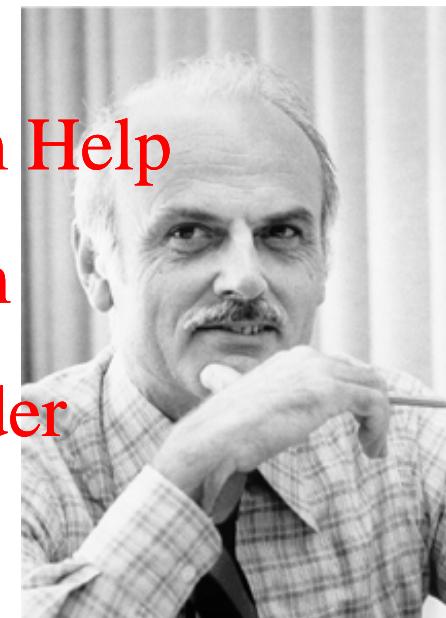
Relational Model Theory

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Relational Database  
eg. University student database

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Relational Database Management  
Systems (RDBMS)  
Eg. Oracle

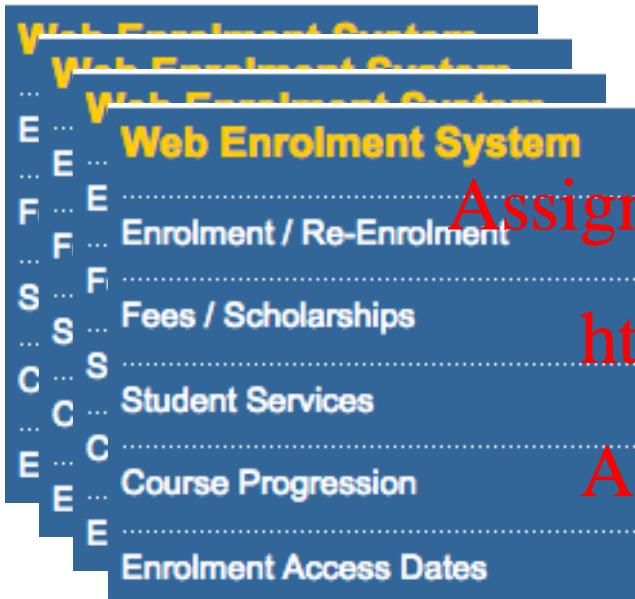


E.F "Ted" Codd

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# Database Systems in Action

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End-Users View  
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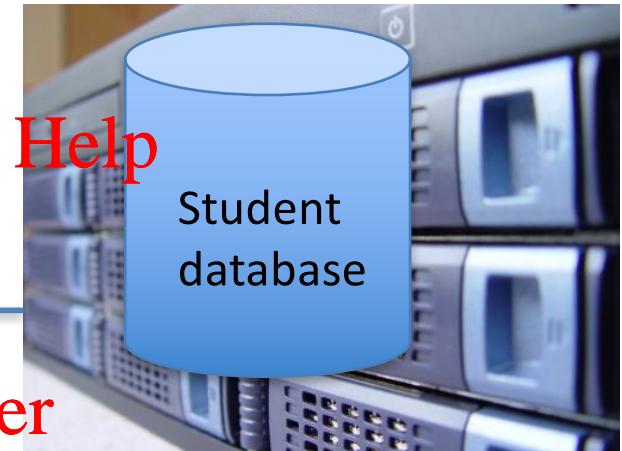


Front end application  
(client)

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network

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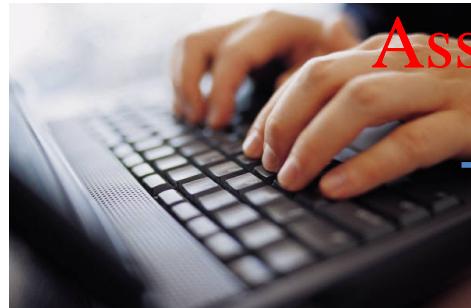


Student Database is  
implemented in an  
Oracle DBMS  
(server)

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# Database Systems in Action

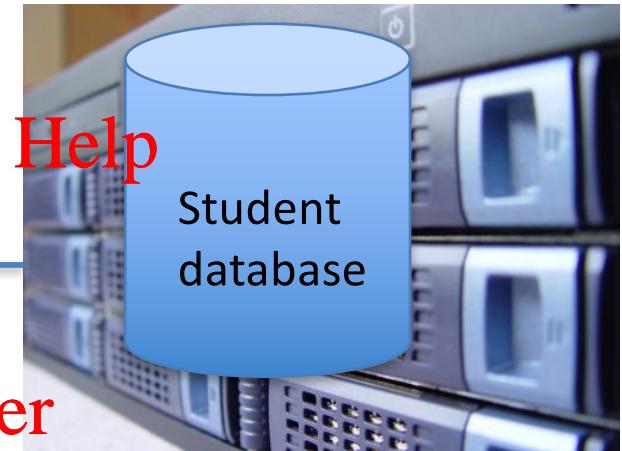
Assignment Project Exam Help  
Developers View  
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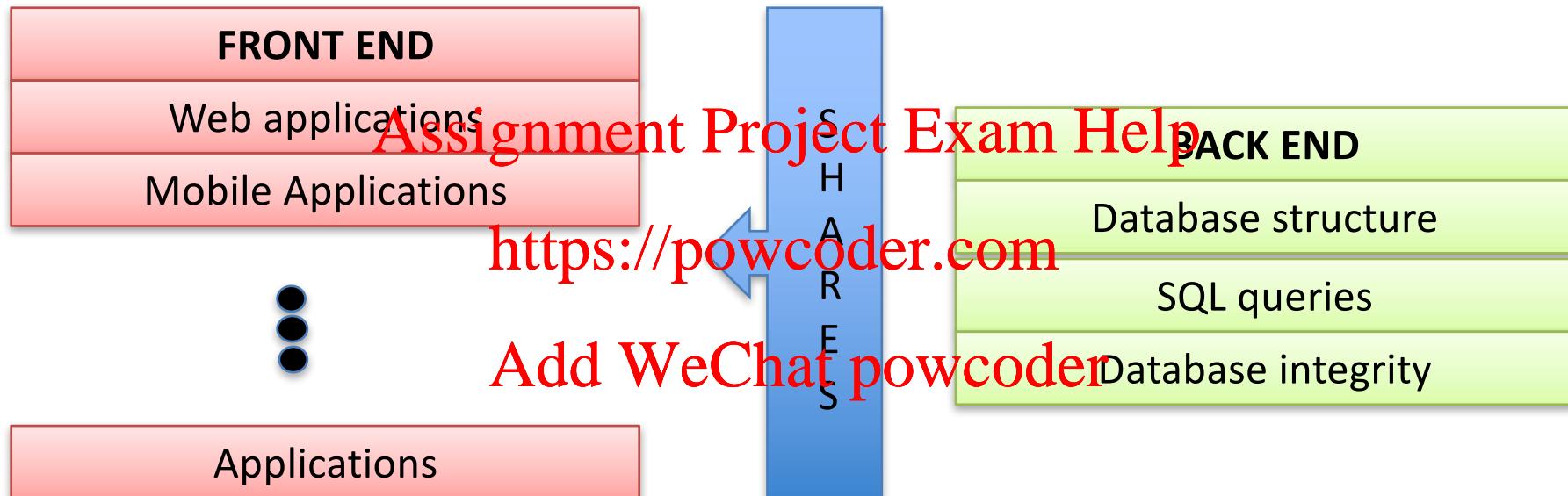
Development environment  
(client, eg SQL Developer,  
Integrated Development  
Environment for web scripting )

Student Database  
(server)

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# Developing Application with Database

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In this unit, we will concentrate in building the back end.  
Database designer.

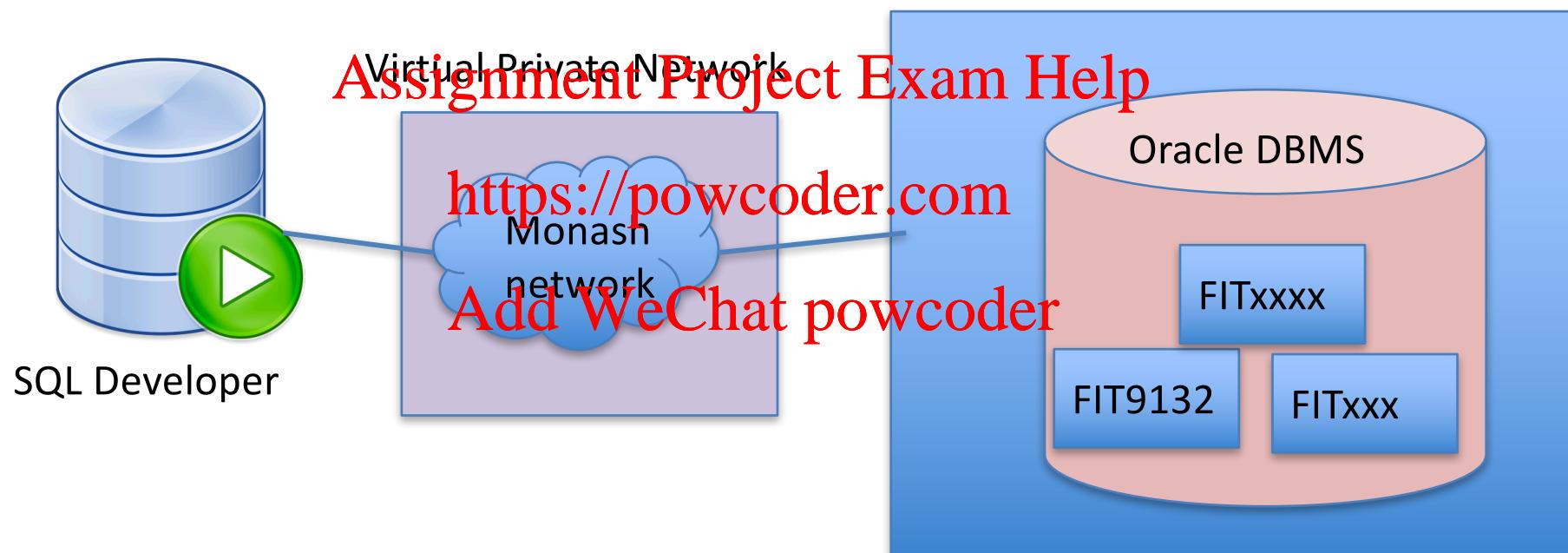
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# Database Systems in FIT9132

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hippo.its.monash.edu



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## Assignment Project Exam Help Class Distribution on Prior Knowledge Add WeChat powcoder



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## Assignment Project Exam Help

What did you study in your previous degree?

a. Arts/Languages

b. Fine Arts/Design/Architecture.

c. Engineering/Science

d. Business/Commerce.

e. Other. [Assignment Project Exam Help](https://powcoder.com)

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I have used this database system.

- a. MySQL.
- b. Oracle.
- c. MS Access
- d. SQL Server
- e. I am not familiar with any database systems.

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