Self Study Skill

WH Question

- Why
- What
- Where
- Who
- When
- How
- Which
- Why not

What is ………?

What is

- Information Technology?
- Computer Science?
- Artificial Intelligence?
- Cryptography?

Solution

- Understand each word meaning in the term
- Check Dictionary, Use google translate
- Use " Define Keyword" google search
- Use wikipedia

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Where………?

Where to find resource to learn

Solution
- Online
    - Google, Youtube, Official Site
    - Use " filetype:pdf   keyword"
        - pdf, ppt, docx, xlsx, ….
        - Tutorial, sample code, example, for beginner, for dummie
    - MOOC: Massive Open Online Course
        - Coursera, Edx, Udemy, Edureka, Google Crash Course ….
    - Code: Github
    - Forum
    - Mailing list
- Offline
    - Book, People

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How………?

How to solve problem?

Solution

- Copy, Paste, Read, Try, Retry
- Copy error message
- Paste in google
- Read solution
- Try to implement it
- Retry the next solution until problem solved

Who………?

Who could help me?

Solution

- Teacher
- Classmate
- Senior generation
- Facebook Friends
- Family member who know
- Facebook group
- Tech community (Forum, Mailing list, Youtuber)
- Tech company (Official site, Mailing list)

Which………?

Which one should I choose?

Solution

- Popular
- Rich documentation
- Rich community
- Fast response
- Easy to use
- Many other people use

WHY NOT use the one you are passionate about without listen to other.

Terminology and Language

Read, Listen but don't understand at all?

Solution

- Understand as much as the keyword use in the study domain
  - Web
  - Database
  - Network
  - Mobile
  - Security
- Break the big problem into small problem
- Break the difficult into several little problem
- Study from little and reconstruct to bigger
- Study from lower level and then continue to go up

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Tools/ Resources

Hardware

- PC, Mobile Phone, USB, Electronic Device, Sensor, Server,....

Software (offline, online)

- IDE, Mockup, Workflow, Diagram, Debug/Testing, …

Files/ Documents

- Code, Image, Sound, Template, Libraries, …

Networking

- People, Groups, Companies, Working Place

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