Introduction

- **Which language do you start with ?**

- **How to start ?**

- **What is problem solving ?**

- **how to search**

- **The difference between languages, why do you know this and why not?**

- **java**

Which language do you start with ?

- ## Why C , C++ , Java ?

- ## Why not Python ?

How to start ?

- **Set a Goal**

- **Where You Are**

- **Research What You Don't Know**

- **Create an Agenda and Timeline**

- **Prepare**

- **Start**

- **Be Flexible and Enjoy the Journey**

What is problem solving ,how to solve?

- **Identify and define the problem**
  State the problem as clearly as possible. For example: "I don't have enough money to pay the bills ."Be more specific. For example: "I need to pay my phone and gas bills, and I don't have enough money to cover both this month."

- **Generate possible solutions**
  Make a list of all possible solutions; Don't worry about the quality of the solutions at this point. Try to list the most common solution, be creative and forget about the quality of the solution.

- **Evaluate alternatives**
  The next step is to eliminate the less desirable or unreasonable solutions, rank the remaining solutions in order of preference and evaluate them in terms of their advantages and disadvantages.

What is problem solving ,how to solve?

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- **Decide on a solution**
  Determine how the solution will be implemented example : Tomorrow morning, call a company and negotiate to pay the bill next month.

- **Implement the solution**
  Implement the solution as planned.

- **Evaluate the outcome**
  Evaluate the effectiveness of the solution , Decide if the current plan needs revision
  If you are not satisfied with the result, return to Step 2 to select a new solution or review an existing solution, and repeat the remaining steps.

how to search

- **How to find information**

The difference between languages, why do you know this   and why not?