

# Map your mind

Soft-skill

Onboarding

Novice

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Weight: 0

Project will start Jan 27, 2023 6:00 AM, must end by Jan 31, 2023 6:00 AM

☒ **Manual QA review must be done** (request it when you are done with the project)

Concepts

For this project, we expect you to look at these concepts:

- Flowcharts (/concepts/130)
- White boarding (/concepts/100000)

Resources

Read/watch

- How to think like a programmer (/rltoken/vggRUgr81Fe1ETcg5HOZUw)
- What is Pseudocode (/rltoken/VtAulhExkullcXWO1HEjNA)
- what is an algorithm (/rltoken/1DoPMSlrd\_aa8lt96jlsPw)
- How to write pseudocode (/rltoken/aEYnUFEQA3Y5C6BC\_WML9g)
- Real life examples of pseudocode (/rltoken/WLZr\_hHIAp6Wn7JlbYX6Wg)
- Practice examples of Pseudocode (/rltoken/uK32rdcsizZw0oylNGsF6A)
- [Optionaldeepdive (/rltoken/R3xUI09WVpadEIDwnMcK7A)
- More practice examples (/rltoken/wOPej-BI-uv390BxWaLTLA)

Learning Objectives

At the end of this project, you are expected to be able to explain to anyone (/rltoken/fYOfuflvmboPDgc8blS9Tw), **without the help of Google**:

General:

- What is a Pseudocode?
- why is Pseudocoding important in programming?
- How do you write Pseudocodes?

Quiz questions

Great! You've completed the quiz successfully! Keep going! (Show quiz).

# Tasks

## 0. Being a square keeps you from going around in circles.

mandatory

To develop an algorithm

**calculate the sum of squares of given input of numbers**

you are going to create a flow chart and pseudo code.

- Create the algorithm in a flow chart save a screen shot and upload it to google drive, and give access to anyone with the link
- Create pseudo code in a google doc and and give access to anyone with the link

Add URLs here:

 Save☐ Done?[Help](#)

## 1. Order marches with weighty and measured strides. Disorder is always in a hurry.

mandatory

To develop an algorithm that

**reads in three numbers and writes them all in sorted order**

you are going to create a flow chart and pseudo code.

- Create the algorithm in a flow chart save a screen shot and upload it to google drive, and give access to anyone with the link
- Create pseudo code in a google doc and and give access to anyone with the link

Add URLs here:

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## 2. It is not enough to run; one must start in time

mandatory

To develop an algorithm

**Calculate a running sum**

A user will enter numbers that will be added to the sum and when a negative number is encountered, stop adding numbers and write out the final result

you are going to create a flow chart and pseudo code.



- Create the algorithm in a flow chart save a screen shot and upload it to google drive, and give access to anyone with the link
- Create pseudo code in a google doc and and give access to anyone with the link

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Ready for a manual review

