# What is the problem that you wanted to solve, and the goal?

Our project has the requirement that we make use of behavior trees. I did not even know what behavior trees are. To start solving this problem I wanted to create a simple program using said behavior trees. By doing this I hope I get a better knowledge of behavior trees and how they are implemented.

# Which questions needed answering to solve the problem? How did you get these answered?

Are there libraries for my code available? - researched online

What are behavior trees? - behaviortree.cpp and py\_trees library tutorials.

# What did you do to solve the problem? And why in that way?

First I researched what behavior trees are. During this I came across a library with helpful explanations and tutorials for ether the c++ or python programming language. This answered both my questions

# How did you validate the solution?

By creating the Ping pong pong POC.

# What sources did you use?

https://www.behaviortree.dev/

<https://py-trees.readthedocs.io/en/devel/>

# Did you solve the problem/reached the goal. Why do you think so?

I have certainly learned a lot about behavior trees. I understand the basic concept and have used it myself. This being said I do not have the feeling I truly understand behavior trees. I think more research could be usefull.