FYPJ Report (week 1)

During the first week of my robot friend project, I did some research about the robot NAO via web and videos. There are a lot of resources and information about the robot NAO. It has been around for a long time indeed. I learn about the way the robot works, what functions and sensors it has so that I can understand more about my project. It can use multiple language to programed, but during this project I am going to use Python language to program my NAO robot. As it is my first time learning and implementing python, I did a few tutorial to have more understanding and knowledge about Python language.

After researching and gaining knowledge about the robot and Python, I proceed to Choregraphe (robot simulator), to explore and learn how to use the software. I implement some behaviors to the robot (e.g. it can say ‘hello welcome to nyp’, it can walk straight and turn right/left.

This current challenge I am trying to do is to implement a behavior that enables the robot to scan a QRcode and say its information.

It has been an interesting week, learning and exploring about the robot and what it can do really amaze me. I hope I can make each day productive to complete my current challenge and adding a few more behaviors and features by week 3. Thank you.