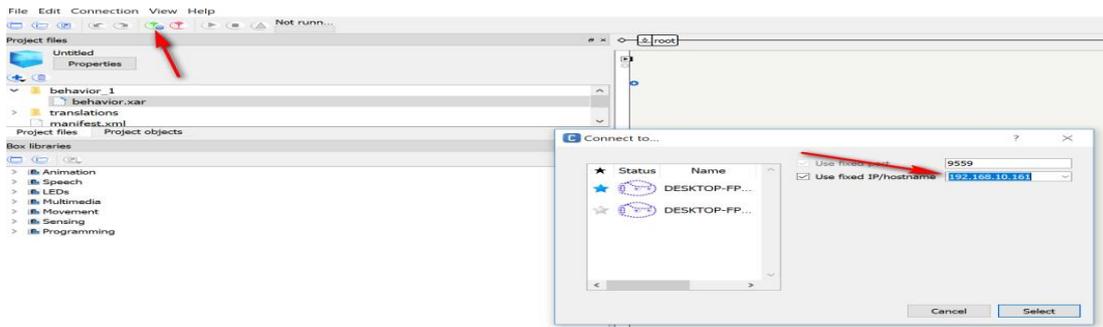


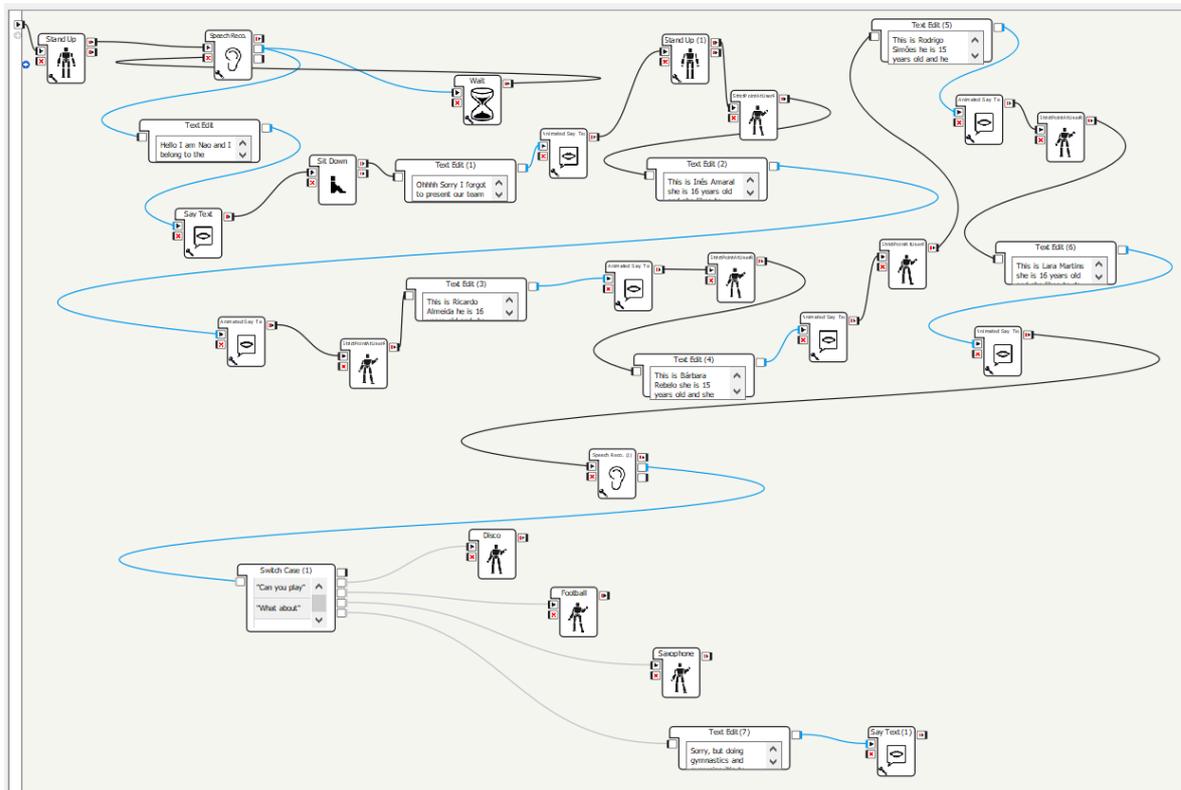
## Program the NAO - activity 4

**Objective:** Sit, dance, sing and talk; make blocks for the purpose of the presentation

After starting the application, the robot is connected by its IP address. We must click on the navel of the NAO so that it tells us its IP address.



Build the following programming



## Understand programming, step by step.

1- Start with the block  so that the NAO is standing, if he is not.

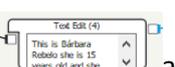
2- The NAO will recognize the word “Hello” with the block .

3- When you recognize the word “Hello”, say “Hello! I am NAO and I belong to the Portuguese team.” With blocks  and .

4- Sit down and say “Ohhhh Sorry! I forgot to present our team. haehaehae, haehaehae” with the blocks ,  and .

5- He gets up, points to Inês and says “This is Inês Amaral. She is 16 years old and she likes to dance.” With the blocks , ,  and .

6- Point to Ricardo and say “This is Ricardo Almeida. He is 16 years old and he likes to do exercise.” With the programming blocks ,  and .

7- Points to Bárbara and says “This is Bárbara Rebelo. She is 15 years old and she likes listening to music.” With the blocks ,  and .

8- Point to Rodrigo and say “This is Rodrigo Simões. He is 15 years old and he likes to play football.” With the blocks ,  and .

9- Points to Lara and says “This is Lara Martins. She is 16 years old and she likes to do gymnastics.”

with the blocks ,  and .

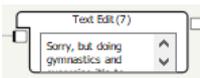
10- The NAO listens to the expressions “Can you dance like”, “can you play football like”, “Can you

play” and “What about” with the block .

11- When identifying the previous expressions, he performs different actions according to what

he hears. Use the block  to activate the action corresponding to what you hear, the

block  to dance disco, the block  to do soccer gestures, the block  to play

the saxophone and the blocks  and  to say “Sorry, but doing gymnastics and exercise it's too hard for me!”