

JIMENEZ Raphaël

INGWEILLER Quentin

DIJOUX Quentin

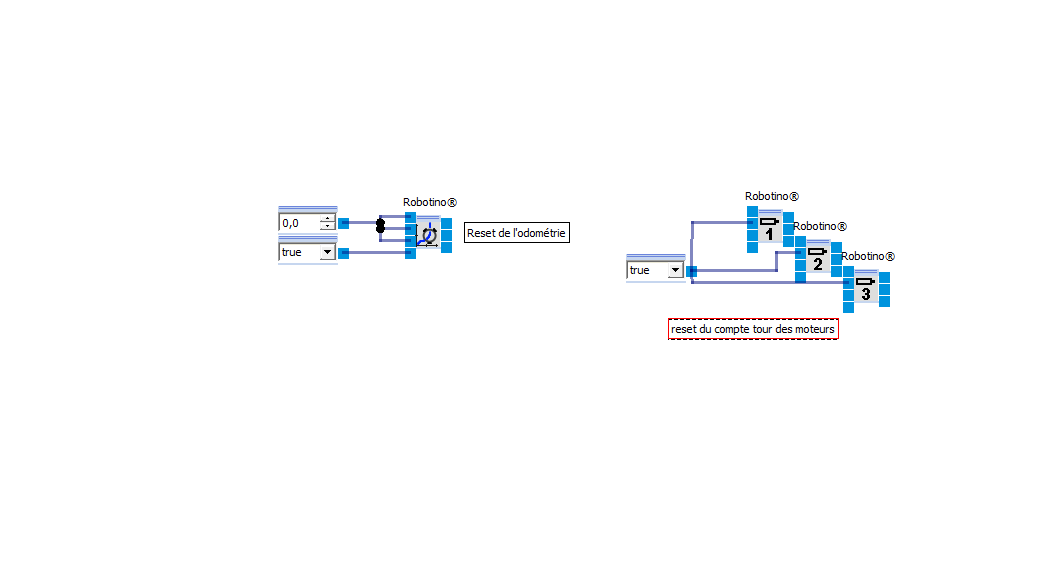
GASSER Arthur

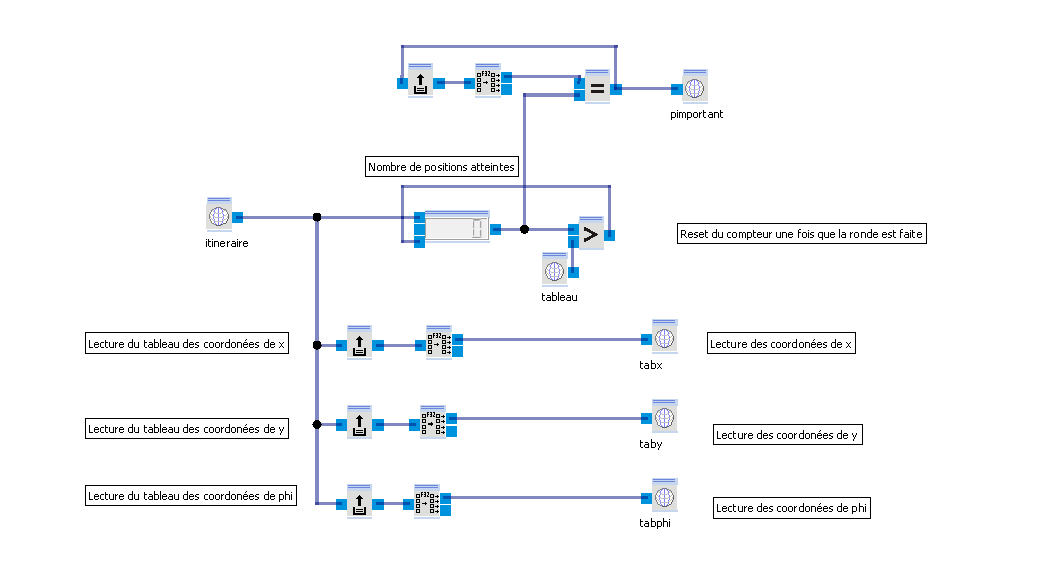
**ROBOT DE SECURITE**

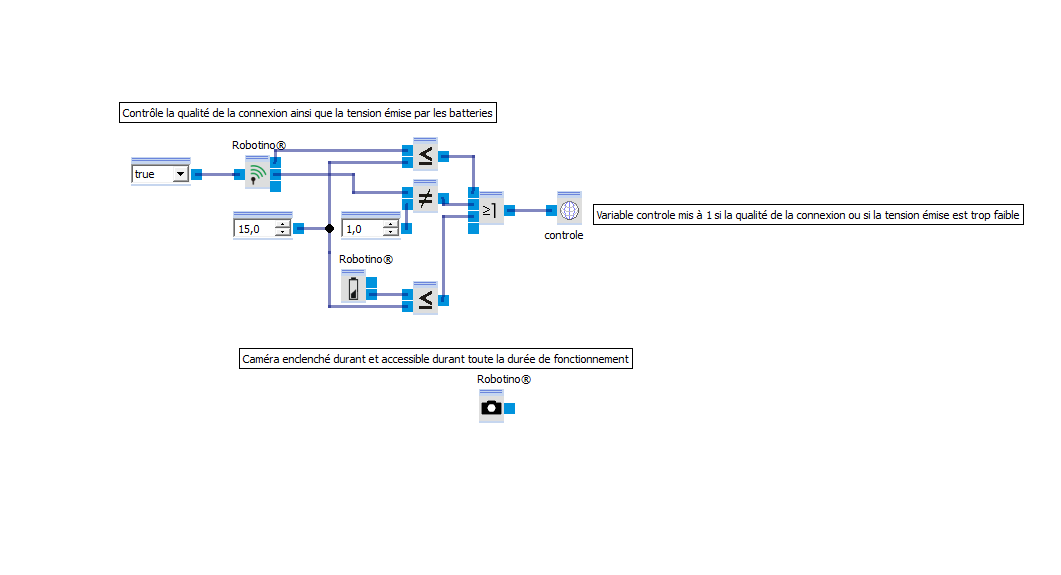
IUT MULHOUSE

**III. Programmation**

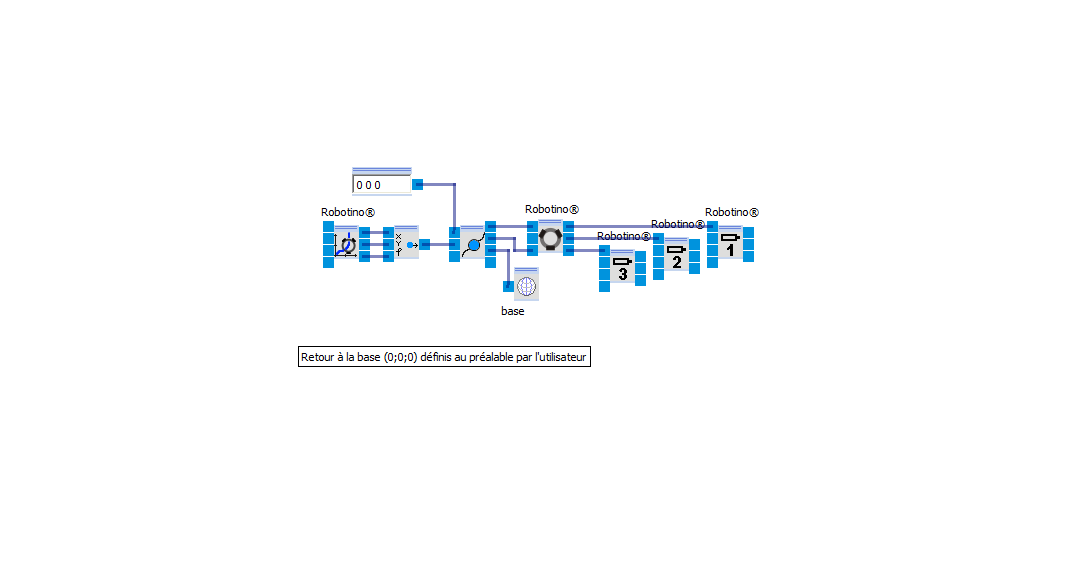
**1. Robotino View**

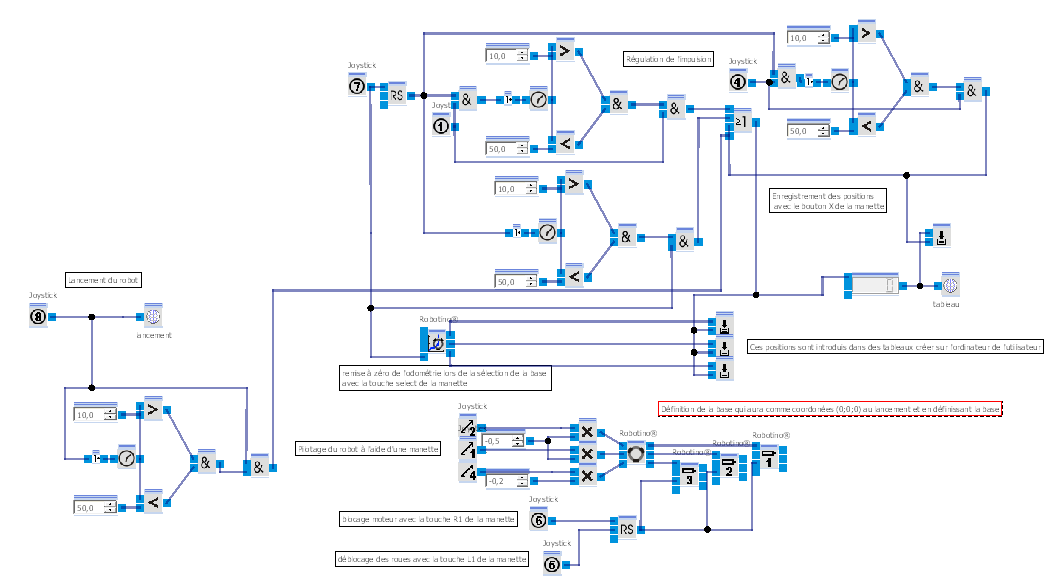
****Resets

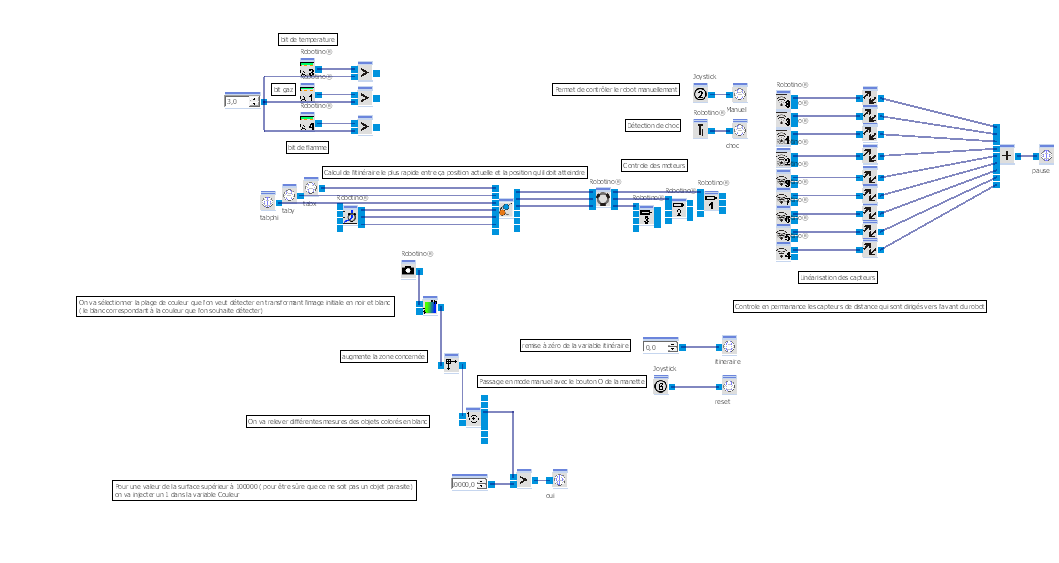
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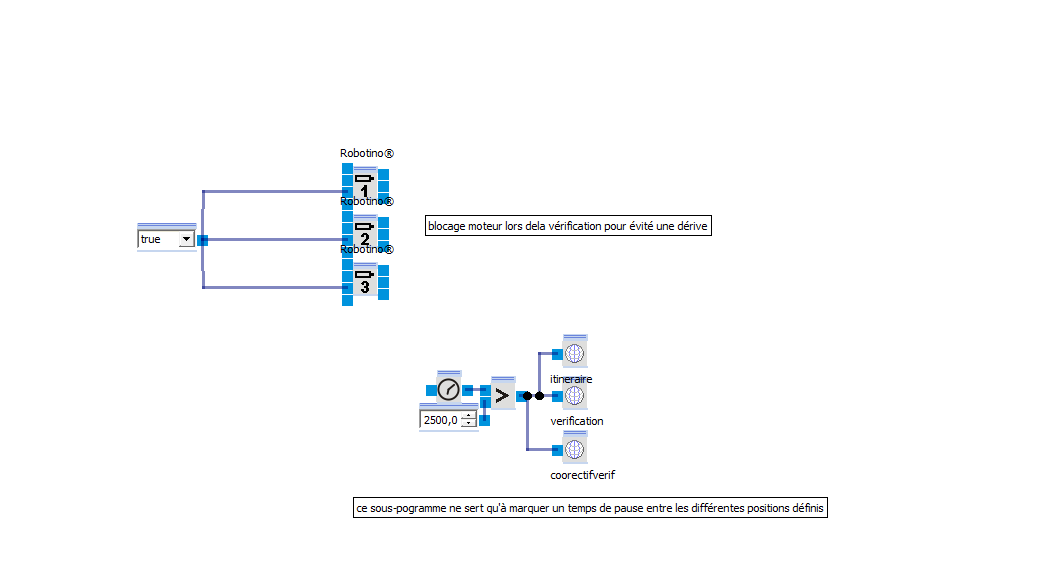
Contrôles

Retour base

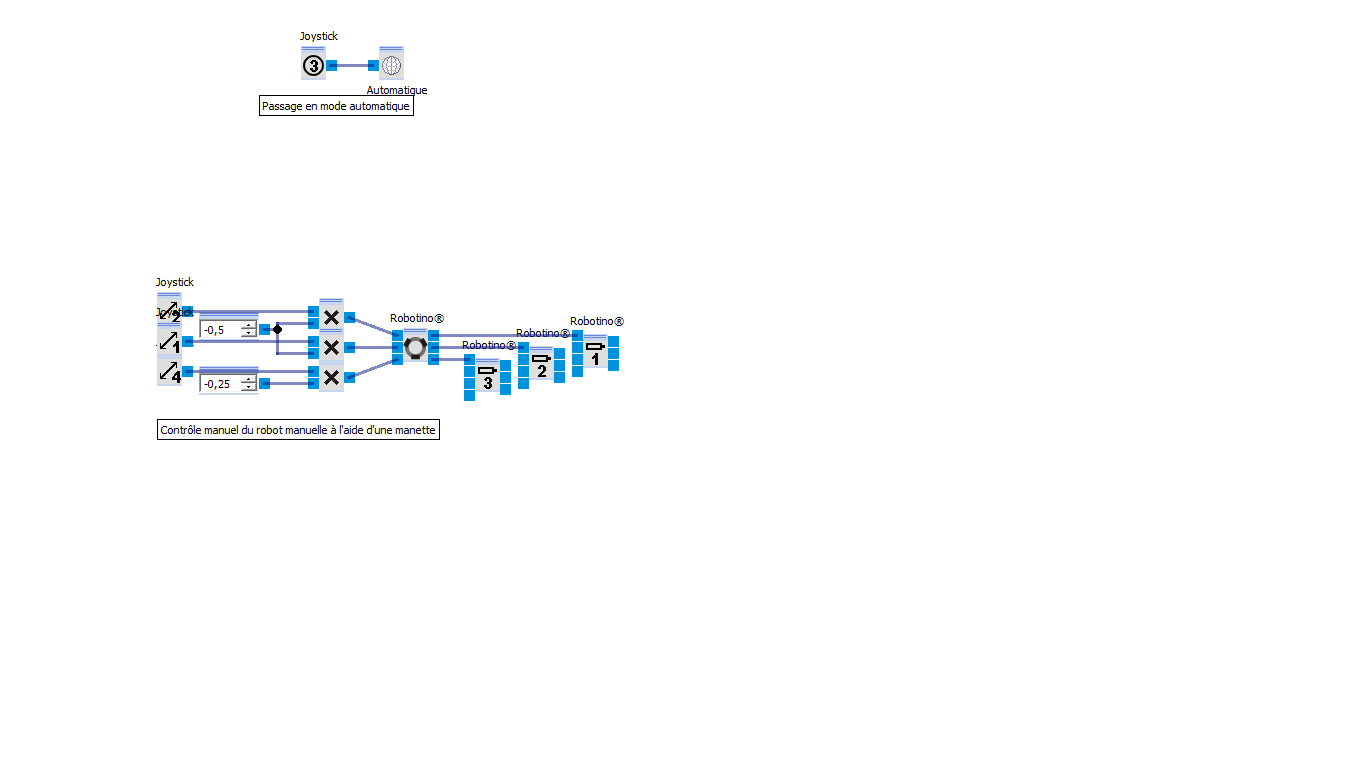
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Initialisation

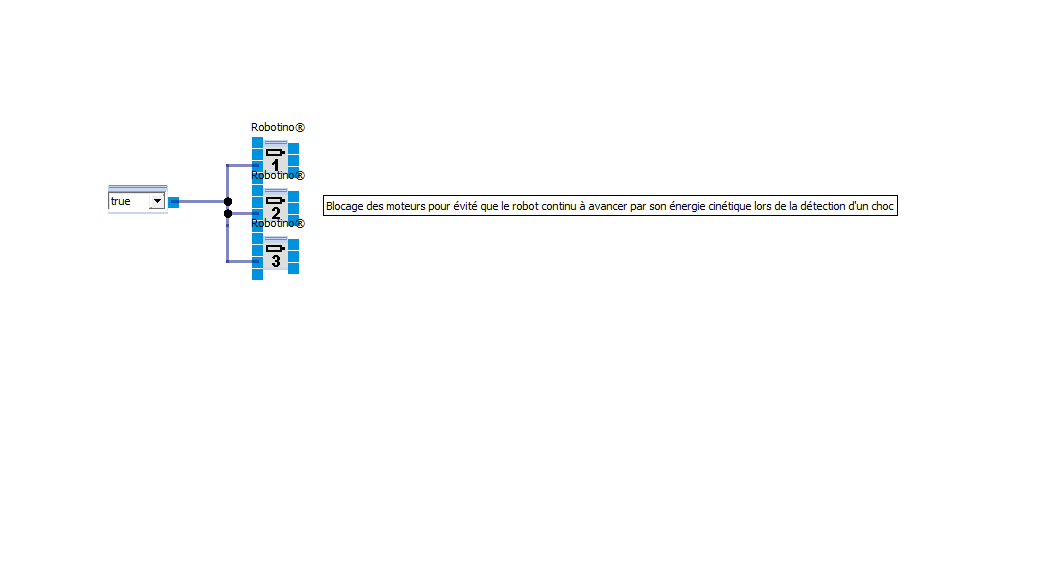
Lecture

Vérification

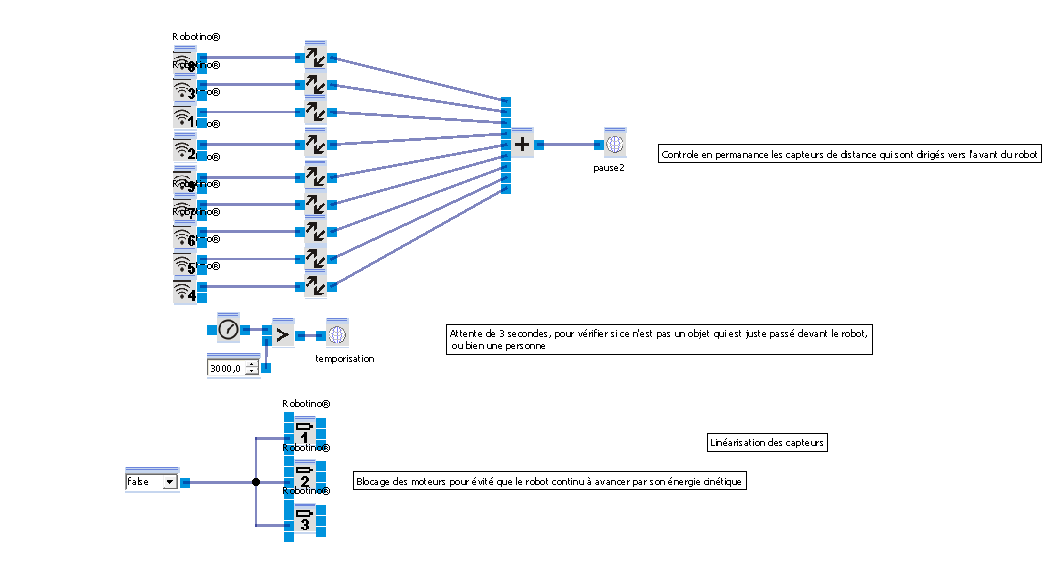
Contrôle manuel

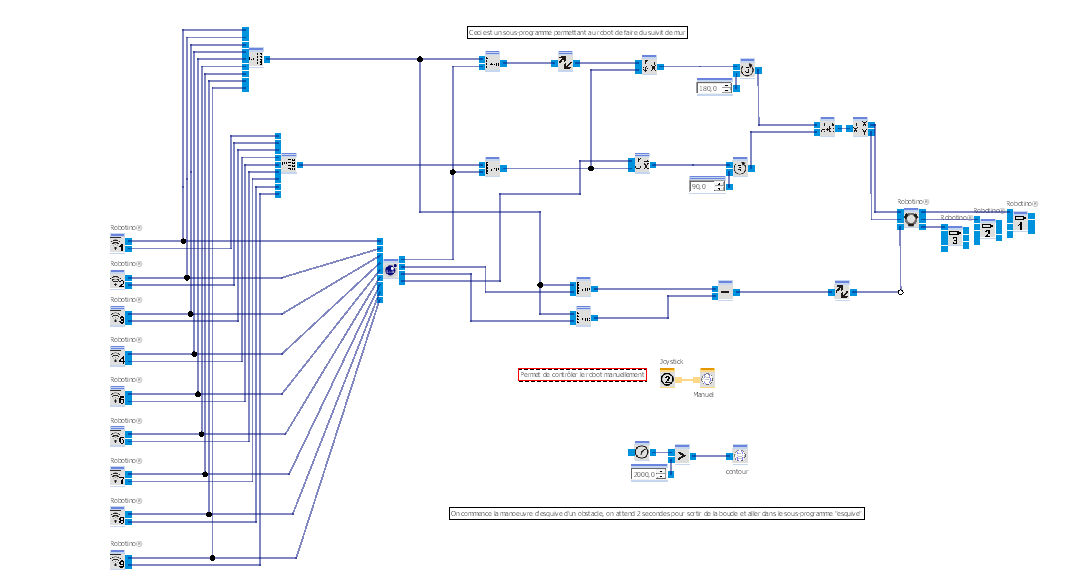
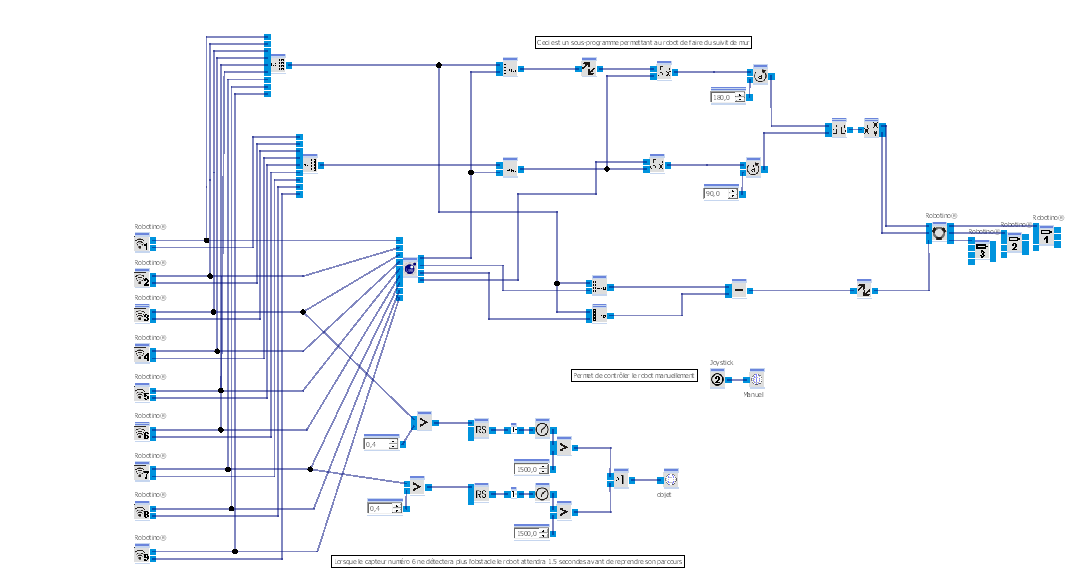


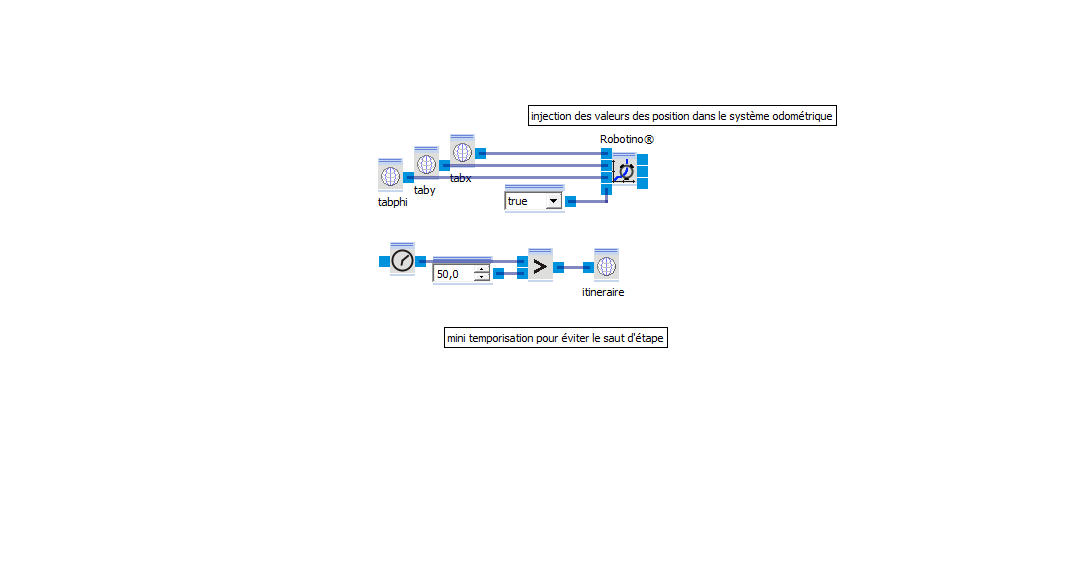
Choc

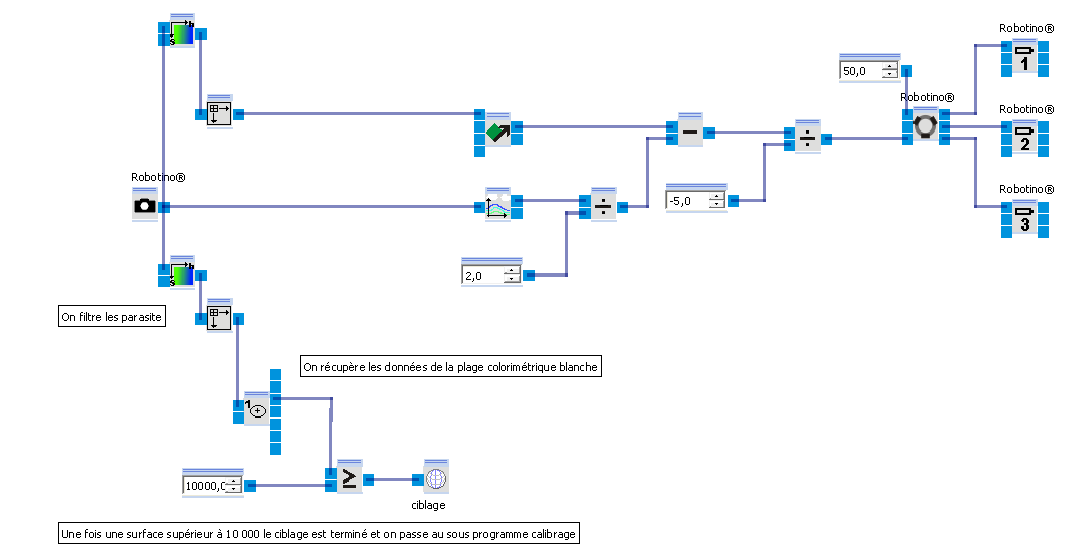


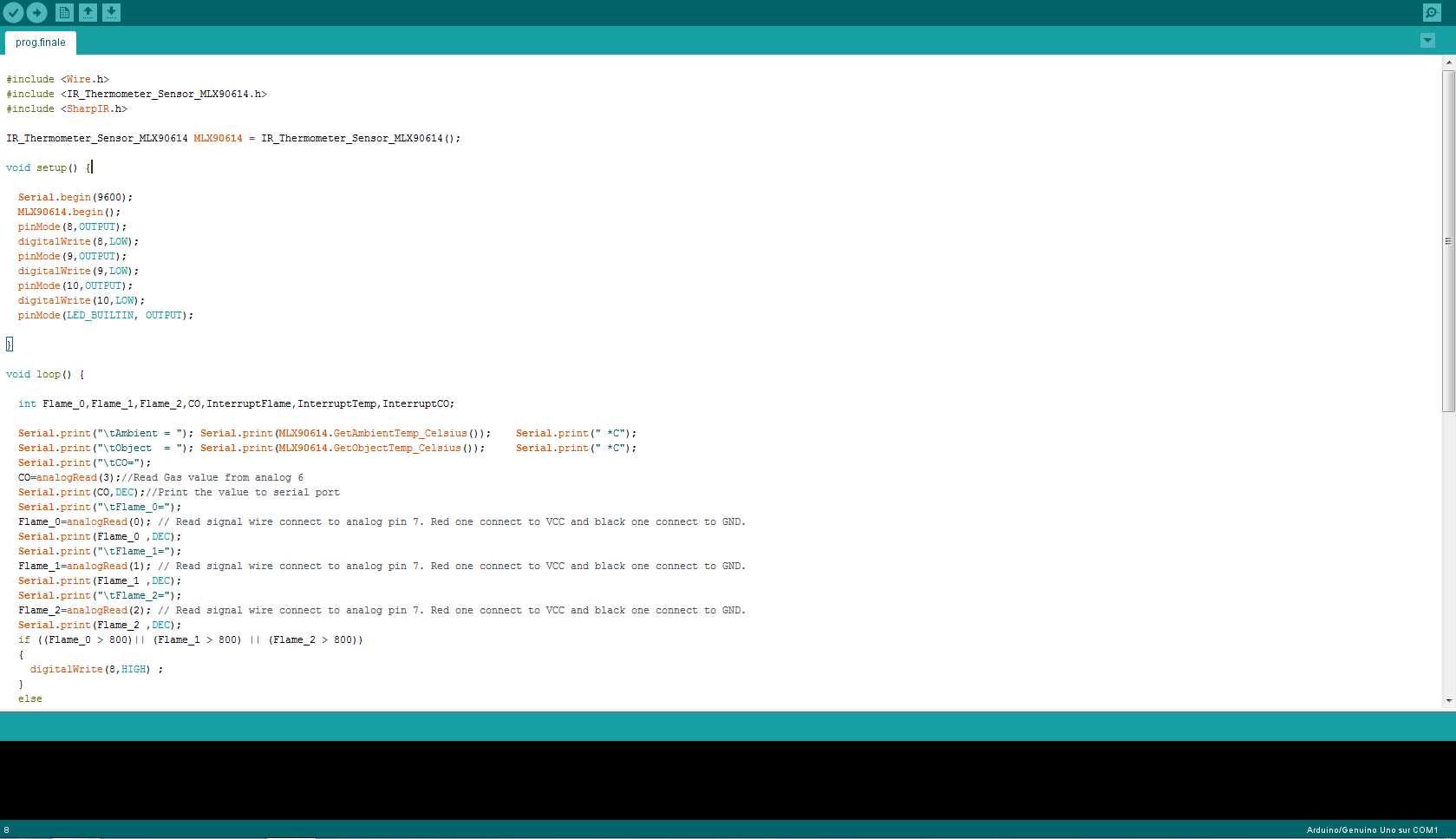
Attente



Esquive (Partie 1 + 2)

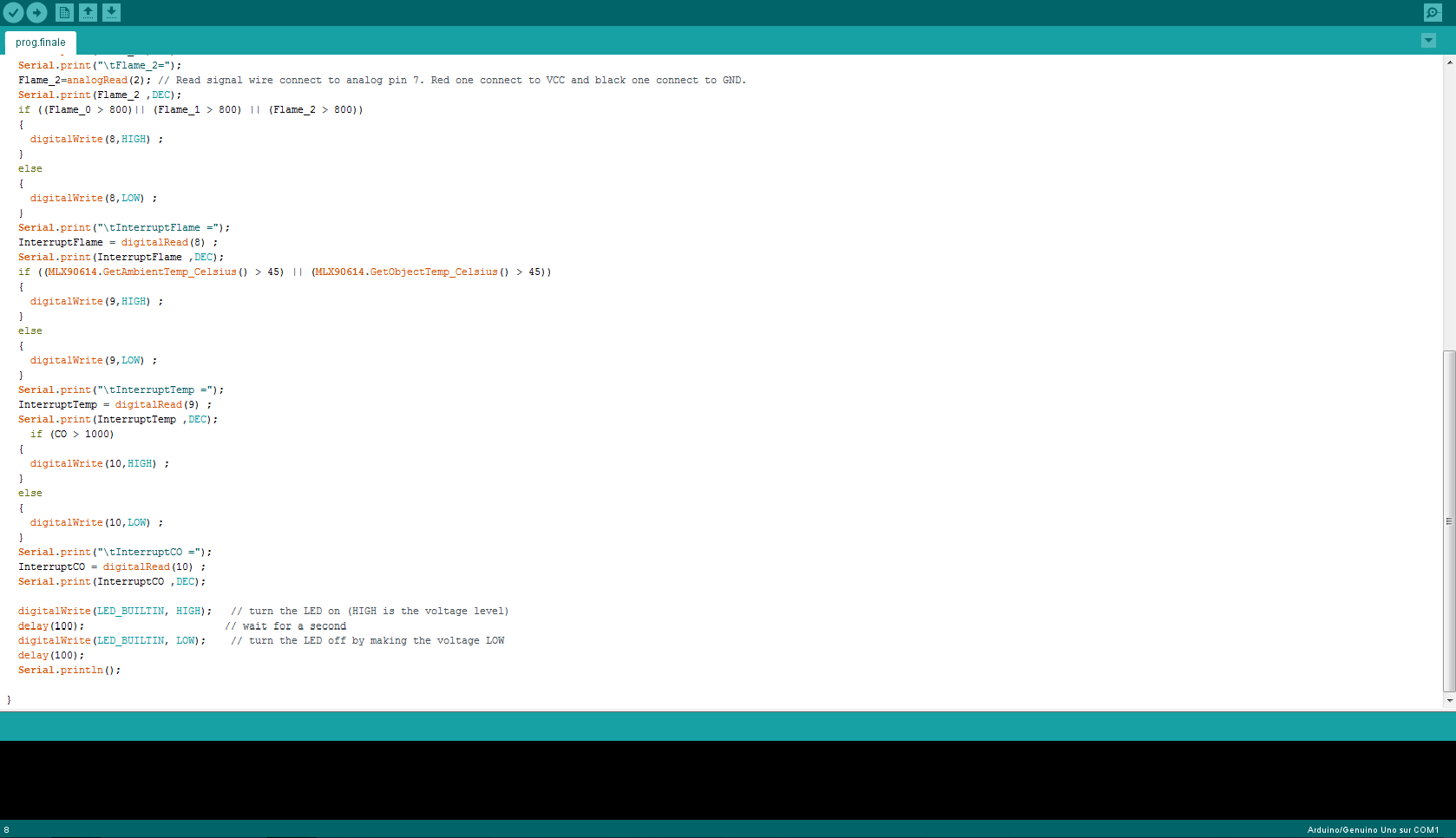
Correction

Ciblage

**2. Capteurs**

Configuration des pins

Bibliothèques

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Signaux d’alertes

Voici la programmation des capteurs présents sur le support (excepté les capteurs de distance). Nous avons utilisé plusieurs bibliothèques dédiées (Wire.h, SharpIR.h…) facilitant la programmation. Après avoir récupéré les données analogiques, plusieurs tests sont effectués (tests simples photo 2) afin de générer ou non un signal d’alerte.