WORKSHEET

SESSION 16

Sign Detection in Self Driving Car

This worksheet belongs to _____

1. Which of the following sentences are true for self-driving cars? (1 or more correct answer):
   a) They can drive themselves
   b) They use sensors and systems to drive the car
   c) They cannot understand traffic lights
   d) They know when to stop, slow down or take turns

   Answer:_____   *3 Points*

2. Self-driving cars can sense other vehicles and people crossing the roads but not bumps on the roads, bumps need to be handled manually.
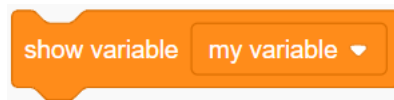   a) True
   b) False

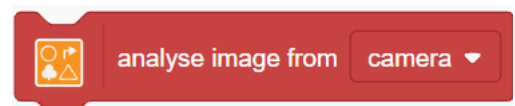   **Answer:**_____   *1 Point*

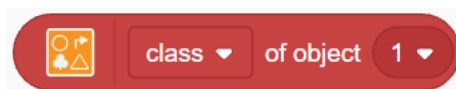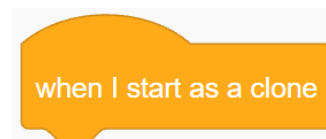3. Which of these block, detects the class of the object that is detected in the camera?

   a) `show variable [my variable ▼]`

   b) `[class ▼] of object [1 ▼]`

   c) `analyse image from [camera ▼]`

   d) `when I start as a clone`

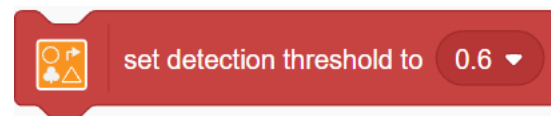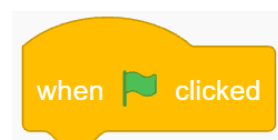   **Answer:**_____   *1 Point*

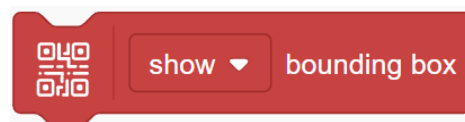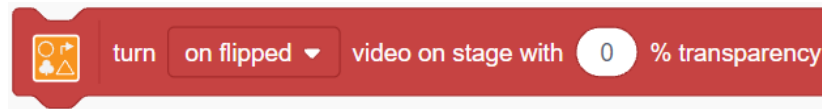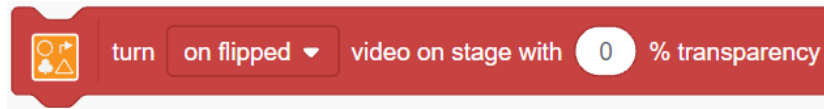4. **Re-order** the following blocks in the correct flow for proper usage

   a) `set detection threshold to [0.6 ▼]`

   b) `when 🏳 clicked`

   c) `[show ▼] bounding box`

d)

turn `on flipped ▼` video on stage with `0` % transparency

Answer: (i) _____ (ii) _____ (iii) _____ (iv) _____   *3 Points*

5. In the **block-** turn `on flipped ▼` video on stage with `0` % transparency , why do we

choose the option **on flipped** from the dropdown, Explain.

Answer: _____

_____

_____   *2 Points*