WORKSHEET

Face Detection

This worksheet belongs to _____

1. What are the different methods you can use to detect faces? (1 or more correct answer)?
    a) Person-Based   c) Feature-Based
    b) Knowledge-Based   d) Face-Based

    Answer: _____   *2 Points*

2. Which of the below given option cannot be the first parameter of the function **video([1], [2])** of **FaceDetection** library.
    a) off   c) on
    b) off flipped   d) on flipped

    Answer: _____   *1 Points*

3. Face detection is the action of locating human faces in an image and optionally returning different kinds of face-related data.

    a) True   b) False

    Answer: _____   *1 Point*

4. Write the code below, to create a face detection object. Use the **FaceDetection** library for this purpose and store the object in the variable named **fd**:

    Answer: _____   *2 Points*

5. **Match the following-** Match the Python function with its respective Usage:

	Python function (with variable object like: fd, sprite etc.)		Usage of Python function
(i)	fd.analysecamera()	a)	To get the number of faces recognized from the image
(ii)	fd.expression()	b)	Get the y-coordinate of the face that is detected
(iii)	sprite.say()	c)	To detect face from the camera
(iv)	fd.y()	d)	Make the sprite say something on the stage
		e)	Get the expression of the face from camera

Answer: (i) _____ (ii)_____ (iii) _____ (iv) _____   *4 Points*