

SOME USEFUL HINTS

COLOR DETECTION:

- Hope the Color Detection tutorial helps you enough for detecting colors in an image.
- Try for some efficient methods and different methods like contours, blob detection, etc
- Learn some filtering techniques since Real world image has lots of noisy pixels

NUMBER DETECTION:

- Again, contours, blobs can be very well used to detect numbers
- A simple algorithm will be ,take a sample image, search whether this image matches with any part of original image! Oops! Did I spell out something? 😊
- Use learning algorithms to detect numbers since only 4 numbers(1,2,3,4) are to be detected

PC TO BOT COMMUNICATION:

- Well..This is not a hint but incase if you use wireless transmitters , please encode them to avoid interference.

MAZE SOLVING:

- Tons of internet sites on maze solving. Look for them.
- Only ≤ 8 destination points are there in the arena. So do you really need a complex algorithm for solving it? 😊