FLOWCHART FOR TRAVERSING THE ARENA (START Capture frame using Picam. black colour detected and rest of the frame No ûs white It white colour Yes detected and rest of the frame is black Bot moves in direction of black Strip with proper frequencies & delays in motor for proper Bot moves in direction of direct ion white strip with proper frequencies and delays for proper direction. It width of black Strip increases Give delay Use image processing algorithm for shape detection and colour and overlay image only black No colour detected conthaut uduite colour Yes Stop the bot STOP