

Don't-Touch-Me robot

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In this project, you need to design a Don't-Touch-Me robot which says "DO NOT TOUCH ME" and try to run away when you attempt to touch it. Also, the robot may hold a grudge and after several times of being touched, it will "get angry".

In particular, you have to meet the following requirements.

1. When touched, the robot yells "DO NOT TOUCH ME" (at least urgent sound to indicate) or runs away.
2. The robot counts the number of times being touched and display it with LED display device, like Digital tube.
3. The robot gets angry when the number hits a threshold value (you may define the behavior of "getting angry").
4. You may not need to use any microcontrollers and should try your best to build your circuit with basic components.

Actually, there are many other interesting extensions to this. Feel free to let me know your idea and I may change the requirements for you. However, the robot must have at least three functions similar to the requirements (1-3).