Challenges for Programming EZ Pup

- Program the touch sensor to respond to your touch. Make him growl, whine, bark, or other sounds.   Make him back away from your touch or back away from a wall after going forward.

- Program the ultrasonic sensors to respond to something at different distances. Sounds could include barking, growling, whining saying funny things or any other sounds.   It can be a guard dog that barks or growls when anyone walks by.

- Program the pup to walk towards a wall, sense the wall, turn around and come back to you.

- Program the pup to walk towards a wall, sense the wall, turn and walk into its dog house. (A doghouse can be made from a cardboard box. The entrance to the box will have to be taped down for the put to roll into it)

- Program the pup to move around an obstacle, then go into its doghouse. This can use sensors or just timing.   It can make appropriate sounds as it negotiates the course and gets into its home.