CS 3651 Skill Demo #4 Robot Navigation Part B

Student Name:

Student GTID:

Follow pages 143-167 in the BoeBot book

Task 1: Beeping whiskers
Install the whiskers on your robot. Program it to beep when either of the whiskers are bumped.

Left beep ____
Right beep ____

TA/Instructor initials____________ date__________________

Task 2: Whisker navigation
Program your robot to:
1. Drive straight forward slowly until either of the whiskers is bumped.
2. If left whisker is bumped: Beep, back up straight for 6 inches, turn 90 degrees right, goto 1.
3. If right whisker is bumped: Beep, back up straight for 6 inches, turn 90 degrees left, goto 1.

Behavior is correct ____

TA/Instructor initials____________ date__________________