# Move until Touch: Vacuum Challenge

### Move until Touch Challenge

In this challenge, you must program your vacuum-equipped robot to touch all four walls of a rectangular room, regardless of the room's size.

### Rules and Procedure

1. Create a "room" with any dimensions, as long as the walls form a rectangle.
2. Keep the room empty (no furniture or other obstructions).
3. Position your robot any way you wish at the start.
4. Run your program – you must use the same program regardless of the size of the room.
5. Your robot must make physical contact with all four walls of the rectangle during a single run (without getting stuck) to complete the challenge!

Robot can begin anywhere

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