

Student Name:

CCS: hanxuan

Date: 1/29/2015

Location: offline

Grader1: Chi Song

Grader2: Ruta Gadgil

*Points Received / Max*

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**Score:** 23 / 35

Correctness: 5 / 10

Design: 13 / 20

Explanation: 5 / 5

Data Design: 3 / 5

Function Spec: 1 / 5

Alt Data Defs: 5 / 5

Implementation: 4 / 5

Style: 5 / 5

Design Feedback:

(\*)2htdp/image not required.

[Data Design] (3/5)

- 1) Unnecessary definition of Position, you may want to use the pre-defined Posn directly.
- 2) "A Robot is a structure: make-robot(Position, Direction)", please use the right syntax for making a struct: (make-robot (Position, Direction))

[Function Specification] (1/5)

- 1) Wrong strategy for "robot-left" and "robot-right": should be Data decomposition on r: Robot.
- 2) Missing strategies in "robot-forward", "left-move", "right-move", "up-move", "down-move" and many other functions.
- 3) Many incomplete strategies. E.g. "direction-forward": should be "Data Decomposition on dir: Direction".  
- If you have any difficulties understanding the strategies, feel free to come to any of the TA sessions, we'll glad to help.

[Implementation] (4/5)

- 1) Inappropriate use of cond in "left-move", "right-move", "up-move", "down-move": only use cond when decompose data.

Explanation Feedback:

Good alt data def.

Correctness Feedback:

We have minus 5 points because the TAs has to manually run the tests for you. Seems like you didn't provide required functions in the editor.rkt

It is very important to follow the problem set descriptions and provide the required functions, otherwise you'll lose 5 points when the TAs have to manually run the tests for you!























































































































