

Part 2. (15 + 20 = 35 marks)

- (a) Define a function steps that takes three positive Int values m n p and returns a String that can be displayed as p steps, of height m and width n, the right way up, and repeats the pattern in opposite way, e.g.

Main> putStr (steps 4 6 3)

[illegible]

- (b) Define a function flagpattern that takes two positive Int values n greater than or equal to 5, and m greater than or equal to 1, and returns a String that can be displayed as the following m 'flag' patterns of dimension n, e.g.

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Main> putStr (flagpattern 7 2)
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