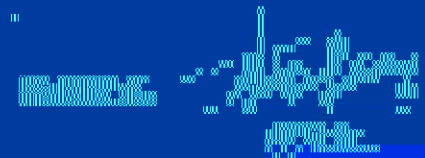


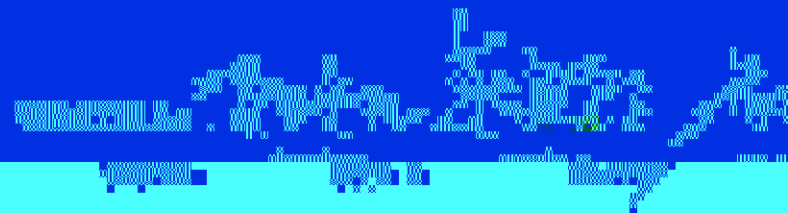
PROBLEM

PROBLEM STATEMENT

1. A rectangular plate of length L and height H is subjected to a uniform load w acting vertically downwards. The plate is supported by a pin support at the bottom left corner and a roller support at the bottom right corner. The plate is divided into four quadrants by a vertical line at $x = L/2$ and a horizontal line at $y = H/2$. The origin of the coordinate system is at the bottom left corner.



1.



total up to $x = L/2$

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