

Roll - PH31

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Q1) Find regular expression for set of all strings of 0's and 1's such that the sixth symbol from right is 1

Ans $\Sigma = \{0, 1\}$

$$RE = (0+1)^* \cdot 1 \cdot (0+1)^5$$

Sixth
~~Fifth~~ symbol from right means there could
5 0's or 1's after the 1.