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Give The Formal Definition Of  $M_1$ . If  $A$  Is The Set Of All Strings That Machine  $M$  Accept, We Say  $M$  Recognize  $A$ , And  $A$  Is The Language Of Machine  $M$ ,  $L(M) = A$ .  $A = \{w \mid w \text{ Contains At Least One } 1 \text{ And An Even Number Of } 0\text{'s Follow The Last } 1\}$ . Then  $L(M_1) = A$ ,  $M_1$  Recognizes  $A$ .

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