



## Generarea permutărilor

$$P_n = n! = 1 \cdot 2 \cdot 3 \cdot \dots \cdot (n-1) \cdot n$$

$$A = \{a, b, c\}$$

$$n = 3$$

$$\{a, b, c\}$$

$$\{a, c, b\}$$

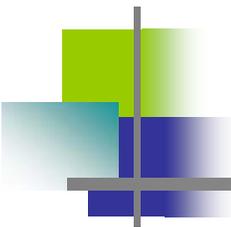
$$\{b, a, c\}$$

$$\{b, c, a\}$$

$$\{c, a, b\}$$

$$\{c, b, a\}$$

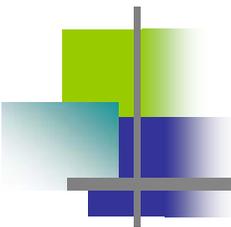
$$P_3 = 1 \cdot 2 \cdot 3 = 6$$



## Lecția 3

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