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**Some programming problems for teaching foundations of group theory.**

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Summary: This paper contains some programming problems which can be suggested for students starting to learn group theory. These problems are related to important notations such as subgroup, coset, normal divisor, symmetric group, normalizer, centralizer, homomorphism and automorphism. Carefully selected problems provide a successful understanding of the basic themes of finite group theory.

*Classification:* H45 U75 R25

*Keywords:* finite group theory; programming; programming problems

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