ALGERIAN OLYMPIAD IN INFORMATICS

2024 Summer Camp Final Exam

September 19th, 2024

Task 2 - IncarnaMath
English Version
This task is worth 100 points

Task 2 : IncarnaMath

Mohamed Ilyes presents a math exercise to the Incarnadine team: The first player starts with the number 27 written on a chalkboard. Then, each player in turn multiplies the number on the chalkboard by their own number (their order in the team), and then passes the chalkboard to the next player. This process continues until the last member has performed their calculation and returns the chalkboard to Ilyes. The task is to write a Python program that, given the total number of team members, prints all the numbers that were written on the chalkboard (one per line), starting with 27.

Examples

Input	Output	Input	Output
1	27	3	27
			54
			162