Task 1	Given n as input, print the following pattern.	
	Input	**Expected Output**
Test Cases	n=2	M1 M2
	n=3	M1 M2 M3

Task 2	Given n as input, print the following pattern	
	Input	**Expected Output**
Test Cases	n=3	A AA AAA
	n=2	A AA

Task 3	Given n as input, print the following pattern.	
	Input	**Expected Output**
Test Cases	n=2	A1B1 A2B2
	n=3	A1B1 A2B2 A3B3

Task 4	Given n as input, print the cubes of the first n numbers	
	Input	**Expected Output**
Test Cases	n=2	1 8
	n=4	1 8 27 64

Task 5	Given n as input, print the remainder of the first n numbers when divided by 3	
	Input	**Expected Output**
Test Cases	n=3	num=1:rem:1 num=2:rem:2 num=3:rem:0
	n=4	num=1:rem:1 num=2:rem:2 num=3:rem:0 num=4:rem:1

Task 6	Given n as input, print the following pattern.	
Test Cases	**Input**	**Expected Output**
	n=2	y1 y1y2
	n=4	y1 y1y2 y1y2y3 y1y2y3y4

Task 7	Given n as input, print the following pattern	
Test Cases	**Input**	**Expected Output**
	n=2	1*1-1=0 2*2-2=2
	n=4	1*1-1=0 2*2-2=2 3*3-3=6 4*4-4=12

Task 8	Given n as input, print the following pattern	
Test Cases	**Input**	**Expected Output**
	n=2	1+1*1+1*1*1=3 2+2*2+2*2*2=14
	n=4	1+1*1+1*1*1=3 2+2*2+2*2*2=14 3+3*3+3*3*3=39 4+4*4+4*4*4=84