



# Programming in Python

**Prof. Sudarshan Iyengar**

Department of Computer Science and Engineering  
Indian Institute of Technology Ropar

**Mr. Omkar Joshi**

Course Instructor  
IITM Online Degree Programme



# Programming in Python

Tutorial on while loop

# Problem 1: Find the factorial of the given number

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Test Cases		
Sr. No.	Input	Expected output
1	5	120
2	2	2
3	0	1
4	-7	Not defined

## Problem 2: Find the number of digits in the given number

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Test Cases		
Sr. No.	Input	Expected output
1	1234	4
2	1234567890	10
3	8	1
4	0	1
5	-4	1

# Problem 3: Reverse the digits in the given number

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Test Cases		
Sr. No.	Input	Expected output
1	1234	4321
2	123456789	987654321
3	8	8
4	0	0
5	-1234	-4321

# Problem 4: Find whether the entered number is palindrome or not

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Test Cases		
Sr. No.	Input	Expected output
1	12321	Palindrome
2	1221	Palindrome
3	1234	Not a palindrome
4	123421	Not a palindrome
5	9	Palindrome
6	-1221	Palindrome