**Assignment: Factorial and Power**

Name/ID:

Date:

## **Academic Integrity Declaration**

Check the statement that applies, and sign your name.

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| --- | --- |
| **Check** | **Statement** |
| ■ | I have **NOT** used LLM (ChatGPT, etc), any online materials, or other students’ reports/codes to complete this assignment. |
|  | I have **NOT completed this assignment entirely on my own**. |

If you received any assistance **that violates the class policy**, you must explain it in detail. A penalty will be applied depending on the **extent and nature of the assistance**.

Failure to disclose the assistance, you will get Grade F.

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| *Examples:*   * *Screenshots of LLM prompt,* * *Explanation of assistance : who/how/what extent etc* |

By signing below, I confirm that I have honestly and truthfully answered the academic integrity declaration.

Date: 2025.09.00

**Sign: *Your sign goes here***

# **Instruction**

## **What you need to submit**

Submit as a zip file: **Assignment\_AssignmentName\_ YourName\_ID.zip**

* **Report** (pdf)
* **Src Codes:** **(1) Assignment\_AssignmentName\_YourName\_ID.cpp**

**(2) myNP\_YourID.h, myNP\_YourID.cpp**

# **Problem**

## Introduction

Create the numerical method functions for **power(x,N)** and **factorial(x).**

## Code

**power(x,N)**

double power(double x, int N);

// Paste your code here

// Paste your code here

**factorial(x)**

double factorial(int x);

// Paste your code here

// Paste your code here

# **Output**

*Show the outputs of the program. You can capture the output screen*

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|  |

Example)

텍스트, 스크린샷, 폰트이(가) 표시된 사진

자동 생성된 설명