- 計算總和、階乘及判斷輸入數是否是質數 (滿分 5 分)
- 作業的內容必須具備以下功能：
- Your assignment must include the following features:
  - 作業檔名須為：學號.py。程式執行後，先在螢幕輸出 系級_學號_姓名(如：資工一丙_123456_XXX)
  - Please name your file as "Student ID.py". Then run the program and output the answer "(your)Department_Student ID_Name" on the Screen.
  - 撰寫 3 個函式，一個計算總和，一個計算階乘，最後一個判斷質數，主程式也指定寫在 main()中。(1 分)
  - Write 3 functions, one for calculating the sum, another for calculating the factorial, and the other for determining the prime number. The main program is required to be written in main(). (1 point)
  - 從鍵盤輸入一正整數 N，並將此數顯示於螢幕(如：輸入 N = xxx)。(1 分)
  - Enter an positive integer N from the keyboard and display the number on the screen.(1point)
  - 計算 1+2+…+N 的值，並將結果顯示於螢幕(如：1+2+…+N = xxxxx)。(1 分)
  - Calculate 1+2+…+N and display the result on the screen.(1 point)
  - 計算 N! (N 階乘)的值，並將結果顯示於螢幕(如：N! = xxxxx)。(1 分)
  - Calculate N! (N-factorial) and display the result on the screen.(1 point)
  - 判斷 N 是否為質數，並將結果顯示於螢幕(如：N 是/不是質數)。(1 分)
  - Determine whether N is a prime number and display the result on the screen.(1 point)