



## IIT KHARAGPUR AI4ICPS I HUB FOUNDATION

Hands-on Approach to AI, Cohort-2, July – October 2024

### Programming Assignment 0: Practice question for automatic grading

Due date: Friday 19<sup>th</sup> July 2024, EOD – IST.

#### Important Instructions about Programming Assignments

1. Programming assignments will be evaluated automatically. **Do not** change the skeleton code provided to you.
2. Write your code **only in the designated places** in the skeleton code and process the input data provided to you in the designated variables. **Do not alter** the input output structure in the skeleton code.
3. **Do not import** any additional libraries. **Do not use any additional files** for the processing (other than those mentioned in the skeleton code).
4. Failure to comply with these instructions may lead to you getting **zero marks** for the assignment, even if the solution is largely correct.

**Objective:** This assignment has two objectives:

1. Familiarizing the student with the programming assignment submission process.
2. Making sure the student understands the interaction between the input provided by the skeleton code and task to be achieved.

**Problem:** Write a function that takes a list of integers as and returns the sum of all the integers in the list.

**Instructions:** Download the attached python program and write your code in the designated location mentioned in the comments. Do not change the name of the function (“sum\_of\_list”). The list of input numbers is available in the variable “lst”, which contains a python list. The function should return the sum of integers in the variable “lst”.

You should read the skeleton code to understand the exact mechanism of input from command line and output to the standard output.

**Execution Syntax:** `python ProgAssign0-skeleton.py <number> <number>`

Sample Test Case:

Input: 1 3

Output: 4