

<b>Practical Number</b>	02
<b>Areas covered</b>	Data Input & Output

Write a Python program for each of the following questions

### **Question 1**

Have the computer print

**HI, HOW OLD ARE YOU?**

on one line. The user then enters his or her age immediately after the question mark. The computer then skips two lines and prints on two consecutive lines.

**WELCOME (age)**  
**LET'S BE FRIENDS!**

Write a complete Python program to do the above.

### **Question 2**

Write a simple program to evaluate the average speed of a car traveled in meters per second ( $\text{ms}^{-1}$ ). Given that

$$\text{Average Speed} = \frac{\text{Distance travelled}}{\text{Time taken}}$$

Try using integer variables. What would be the problem? Why? How to fix the problem?

### **Question 3**

Convert a temperature reading in degrees Fahrenheit to degrees Celsius, using the formula

$$C = (5 / 9) \times (F - 32)$$

Test the program with the following values: 68, 150, 212, 0, -22, -200 (degree Fahrenheit).