

CS 50 – Spring 2026

Lecture 01

1. Evaluate each of the following expressions:

`1/2`

`13`

`4 + 3 * 2`

`("A"*2 + "?"*3) * 2`

`14 % 5`

`5 ** 2`

`Hi!`

`1*2 + "2"*2`

2. Which of the following are valid expressions and which will cause an error?

`3 * "5"`

`str(3) * int("5")`

`1 / 2 * "Hello"`

`"1.0" + 2.0`

`int("2") * "2"`

`1 ** 2.5`

`str("2") * 4`

3. Write a program that computes your average speed in miles per hour if you run a 10km race in 43 minutes 30 seconds.

4. Write a program that asks the user for word and a number, then prints the word followed by an exclamation point and a space that many times.