

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.