

Extra Lab - 04

1] Write a program `NumDistance.java` that reads in two integers on a number line and outputs the distance between them. This program must use `Math.abs()` to make sure the distance is positive.

2] The period of a simple pendulum is give by

$$T = 2\pi\sqrt{\frac{L}{g}}$$

where T is the time of the period and L is the length of pendulum. Write a program `Pendulum.java` that reads in the length of the pendulum and outputs it's period. Use 3.14 for π and 9.81 for g .

3] Write a program `FindLL.java` that reads in a *String* of length 5 and outputs if it contains two lowercase l's next to each other.