Lenses: Kaylin Shanahan 26/09/22

A python programmme to calculate the image distace and magnification of a convex lens using the equations:

$$rac{1}{f}=rac{1}{d_o}+rac{1}{d_i}$$

$$m=-rac{d_i}{d_o}$$

- 1. Ask the user to input the value for focal length in centimetres.
- 2. Calculate the image distance value and magnification using the formulas.
- 3. Output the answer.