Introduction to programming

Practice 2

Assignment 1

Write a program that reads a number of seconds from a user and writes it out as a time of the following format:

`HH:MM:SS`

Where:

- `HH` represents hours in 24-hour format, with leading zero
- `MM` represents minutes with leading zero
- `SS` represents seconds with leading zero

E.g., for 104 seconds the program should write out:

`00:01:44`

Assignment 2

Write a program that reads the coordinates of a circle center, radius of the circle and coordinates of a point in a Cartesian coordinate system. The program should check if the point lies inside of the designated circle, and write the corresponding message.