Tutorial 1 questions to solve:

1. "All actuators are collection element but all correction elements are not actuators", how will you justify this statement by providing an example?
2. Make a difference between an open loop and close loop control system by selection only one real life example.
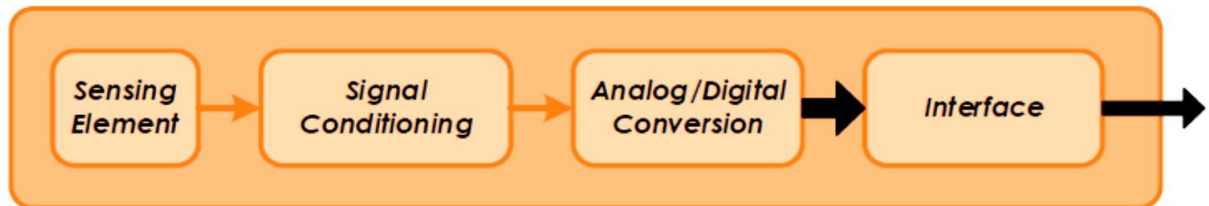3. Describe the following figure

Fig. 1 Architecture of an integrated sensor

4. Is it possible to avoid ADC in a microcontroller based closed-loop control system? Provide detailed justification supporting your answer.
5. Give real life example of a close loop control system. Also describe its mechanism.