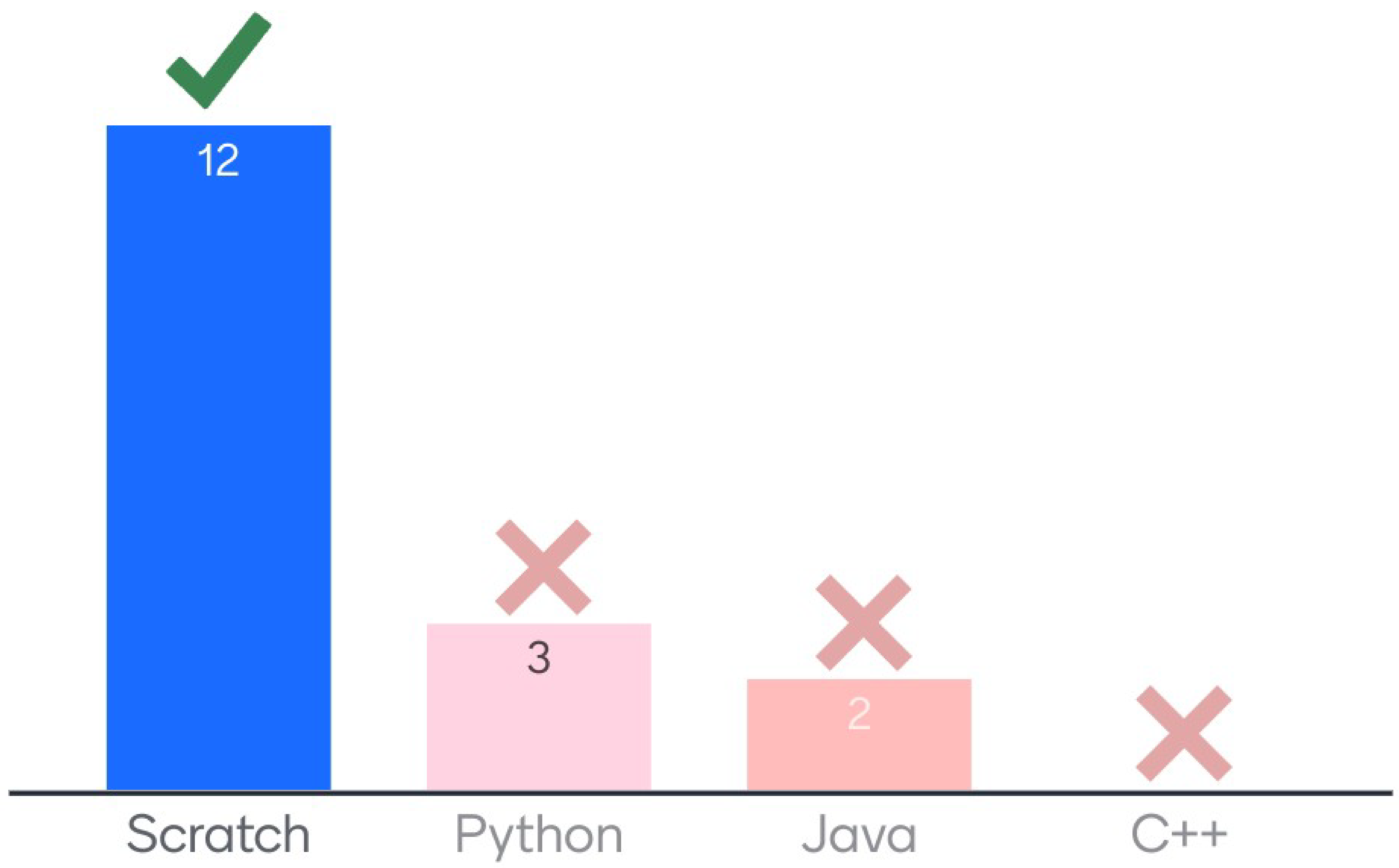


Programming & Robotics

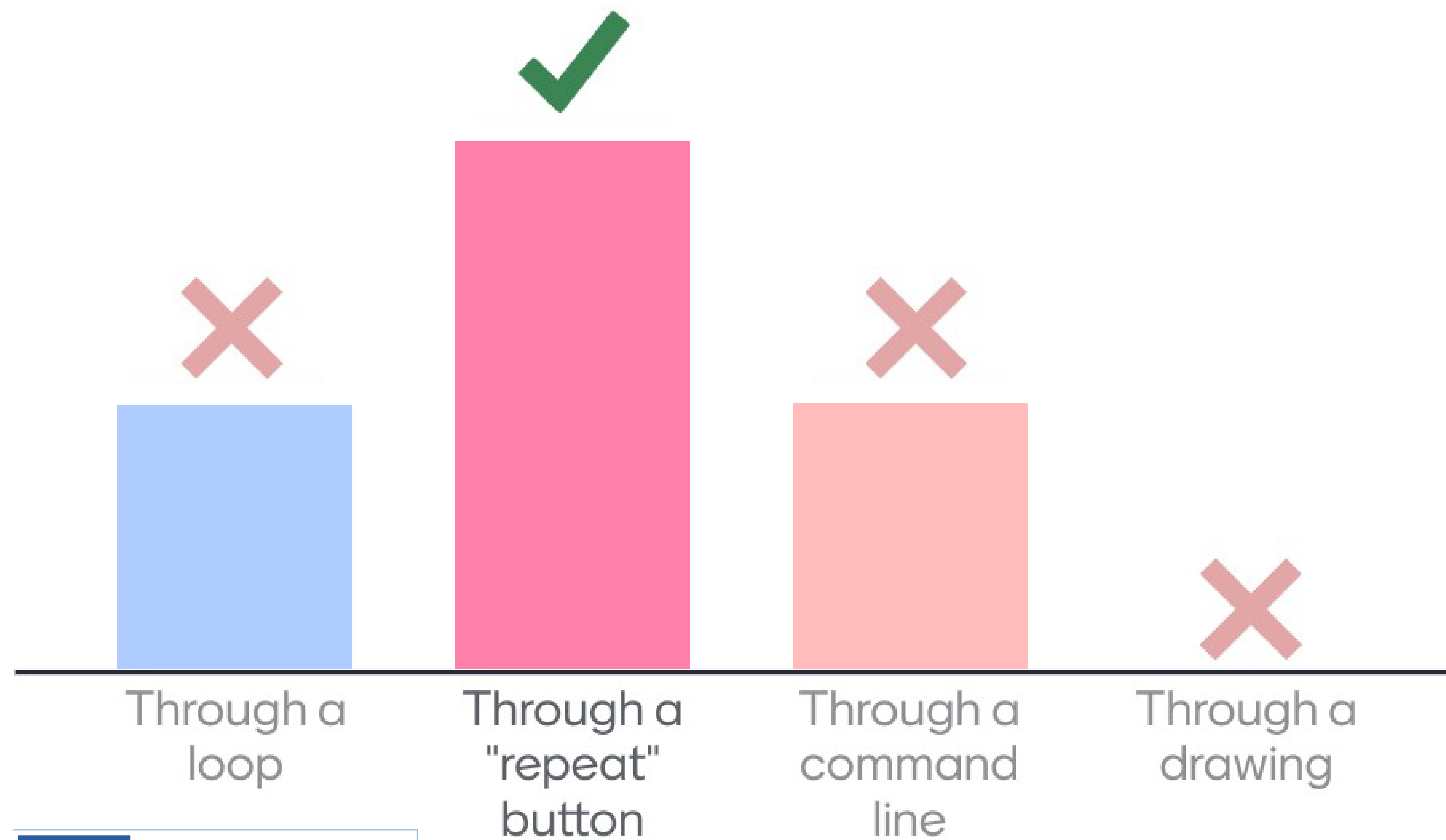
BLOCK-BASED



Which programming language uses blocks and is often taught in schools?

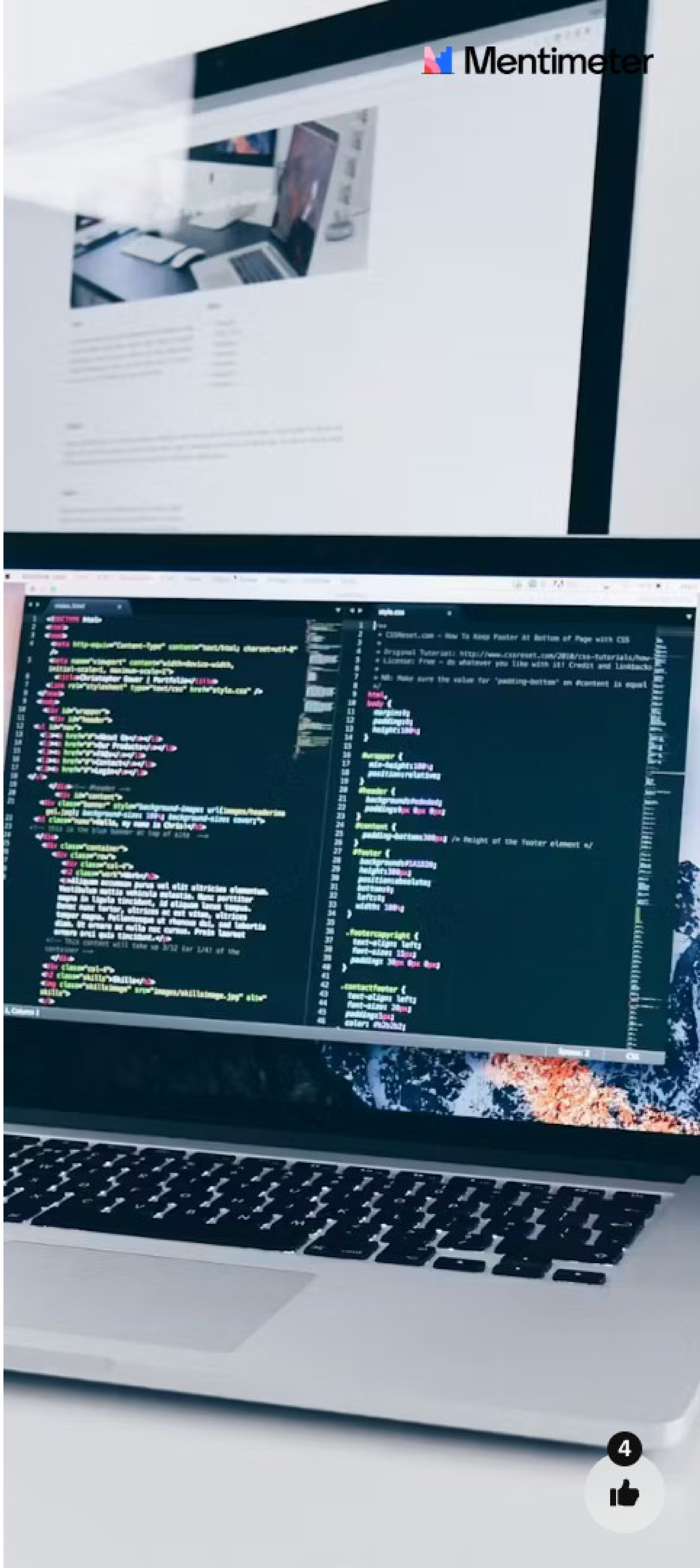
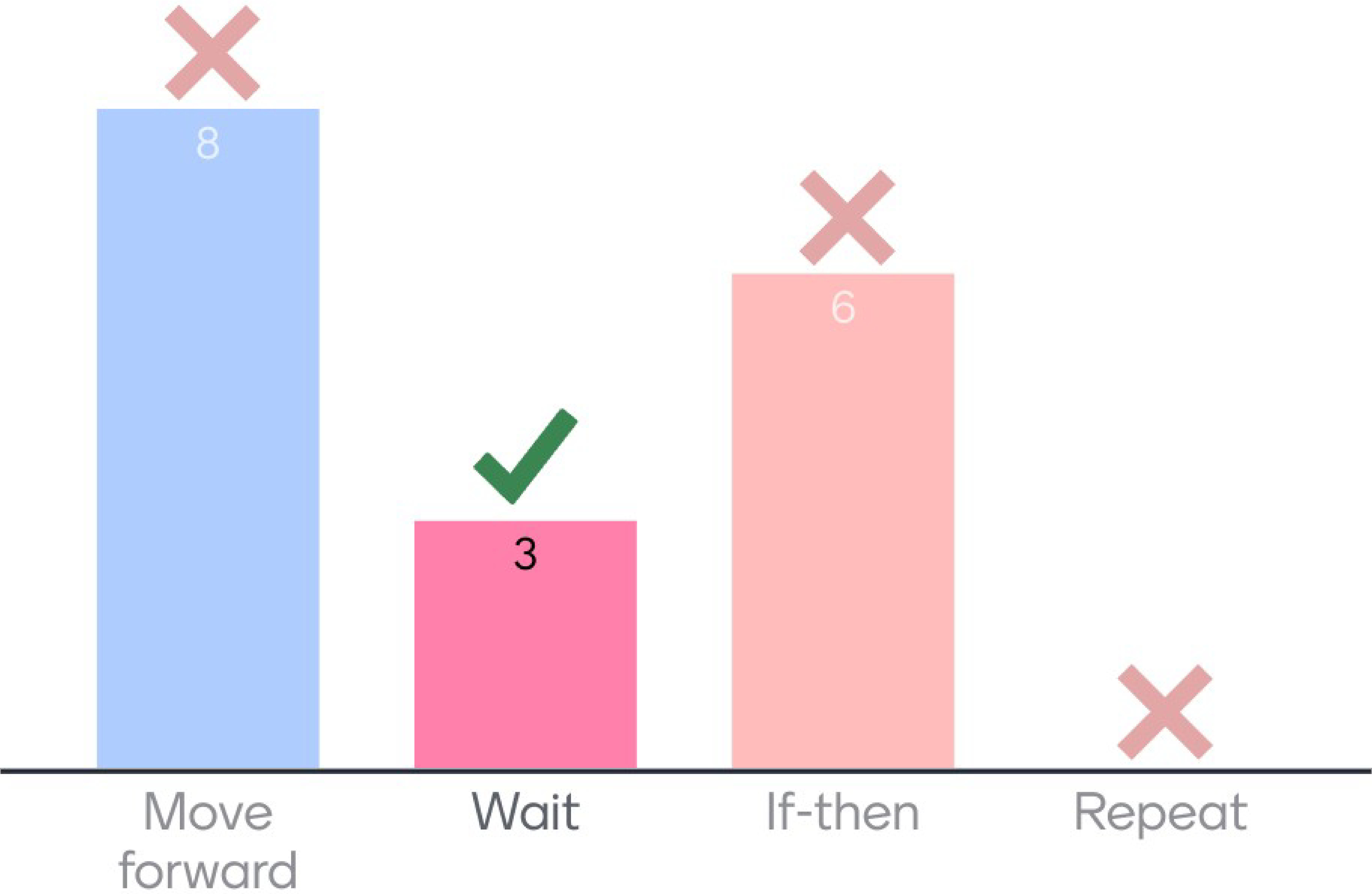


How is a repetition command usually represented in block-based programming?



```
height="450" view
Mentimeter
linearGradient x1="100%"
  <stop stop-color="#06
  <stop stop-color="#1D
/linearGradient>
>
width="800" height="450
s="media-control">
width="96" height="96" v
defs>
  <linearGradient x1="
    <stop stop-color
    <stop stop-color
  </linearGradient>
  <filter x="-500%" y=
    <feOffset dy="16
    <feGaussianBlur
    <feColorMatrix v
  </filter>
  fill="d
```

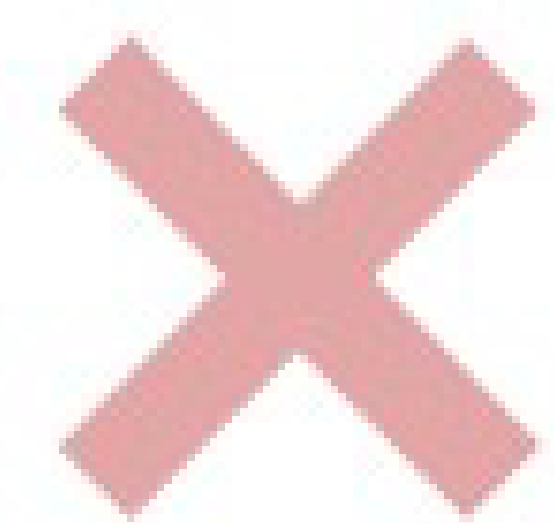

Which block command allows a program to make decisions based on conditions?



Which block is used to repeat code as long as a certain condition is met?



Repeat
forever



Move
forward

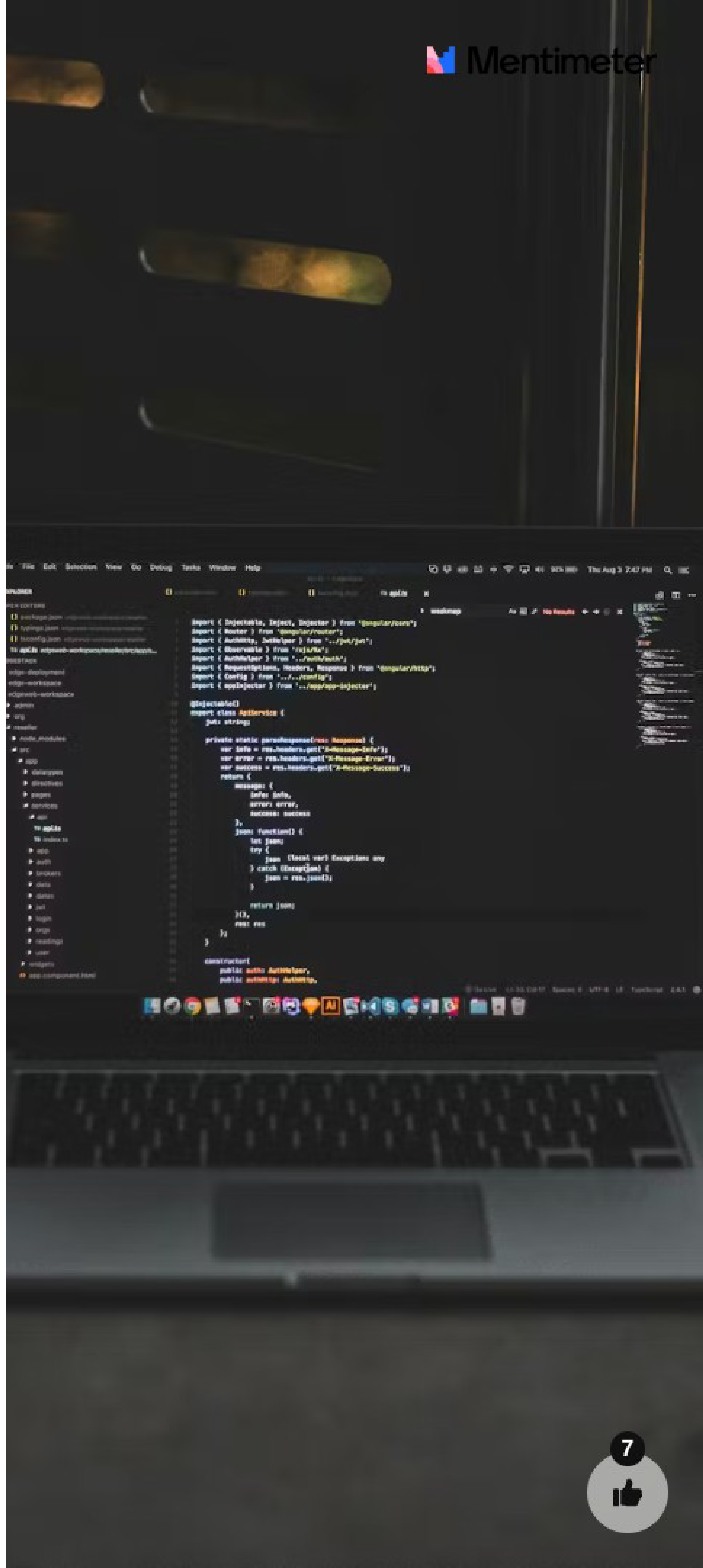
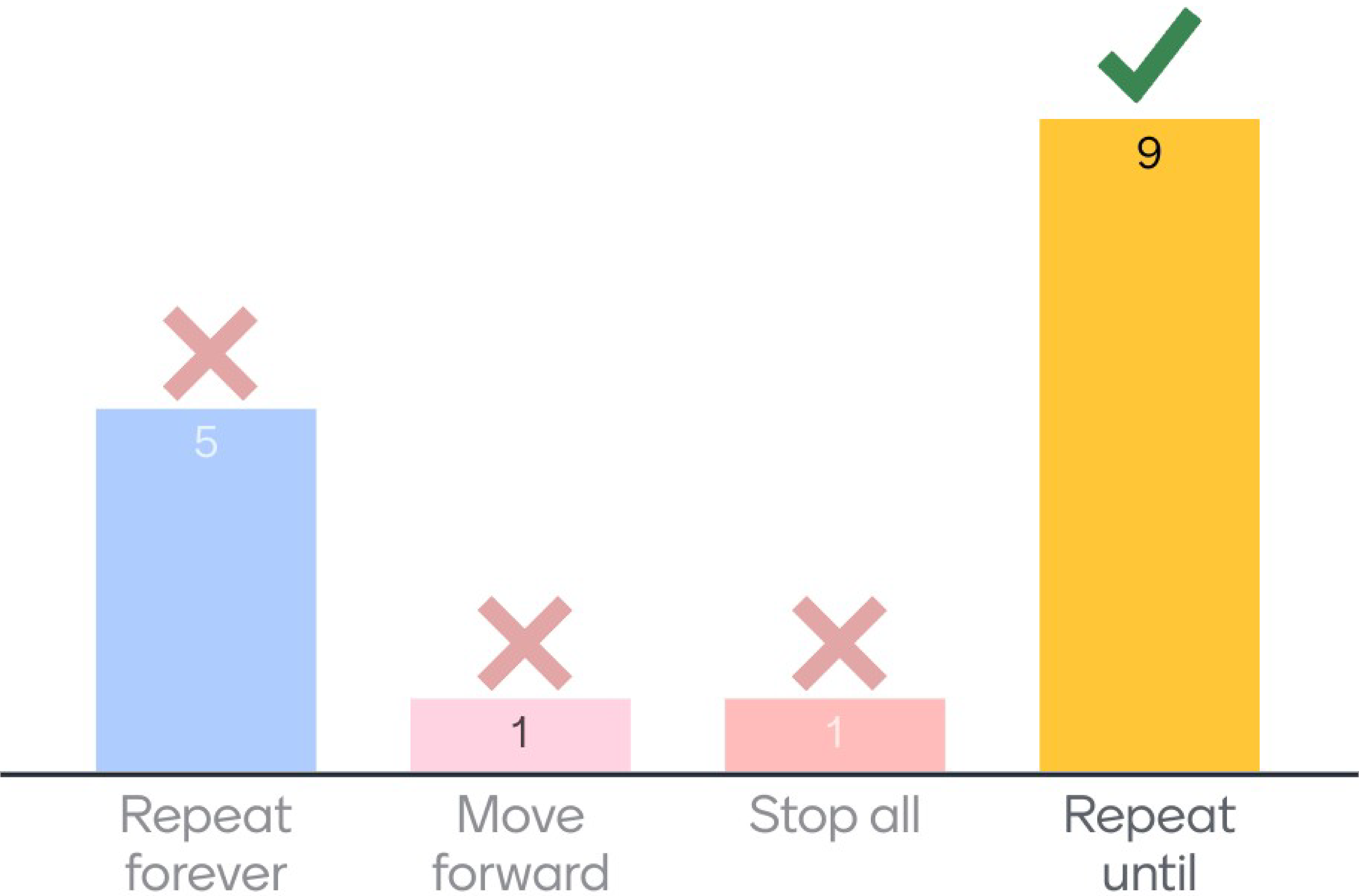


Stop all

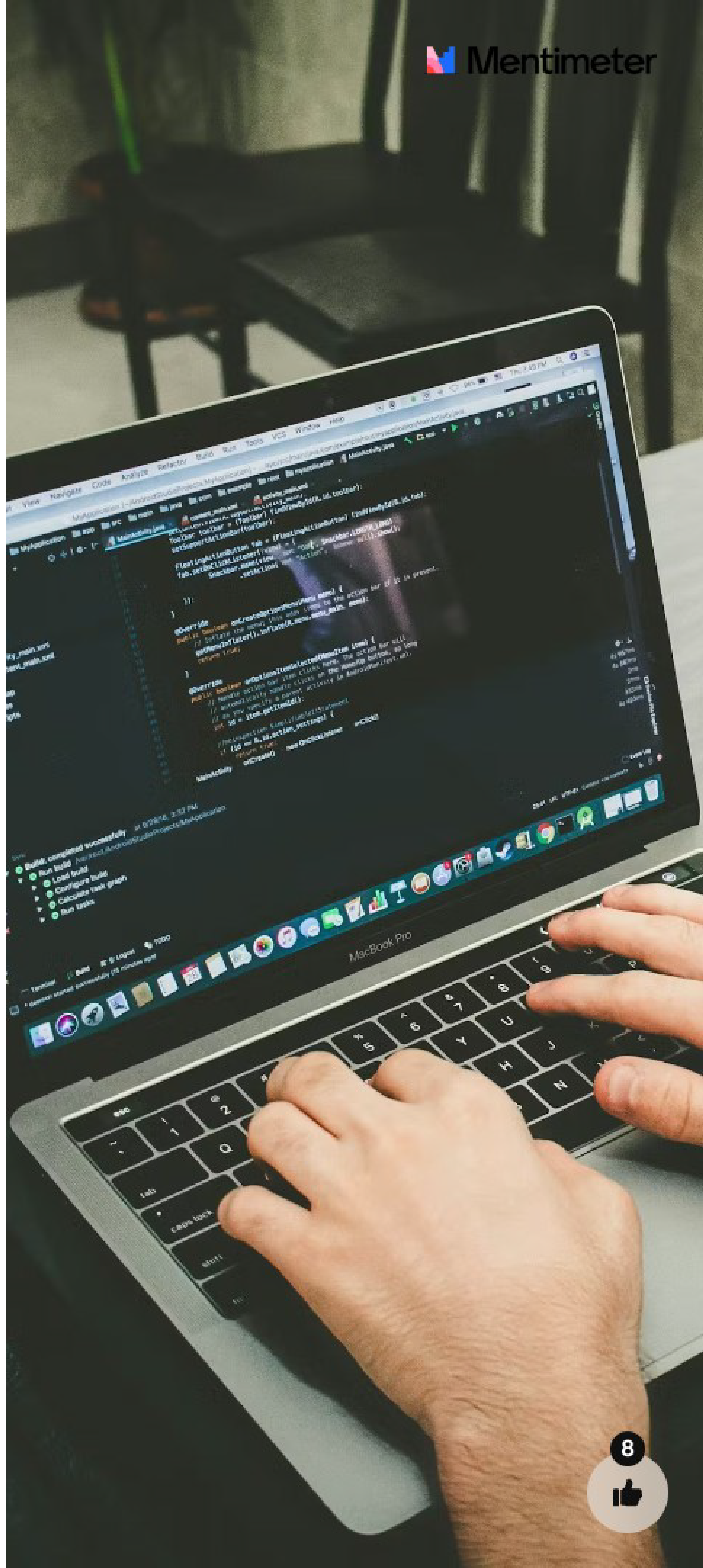
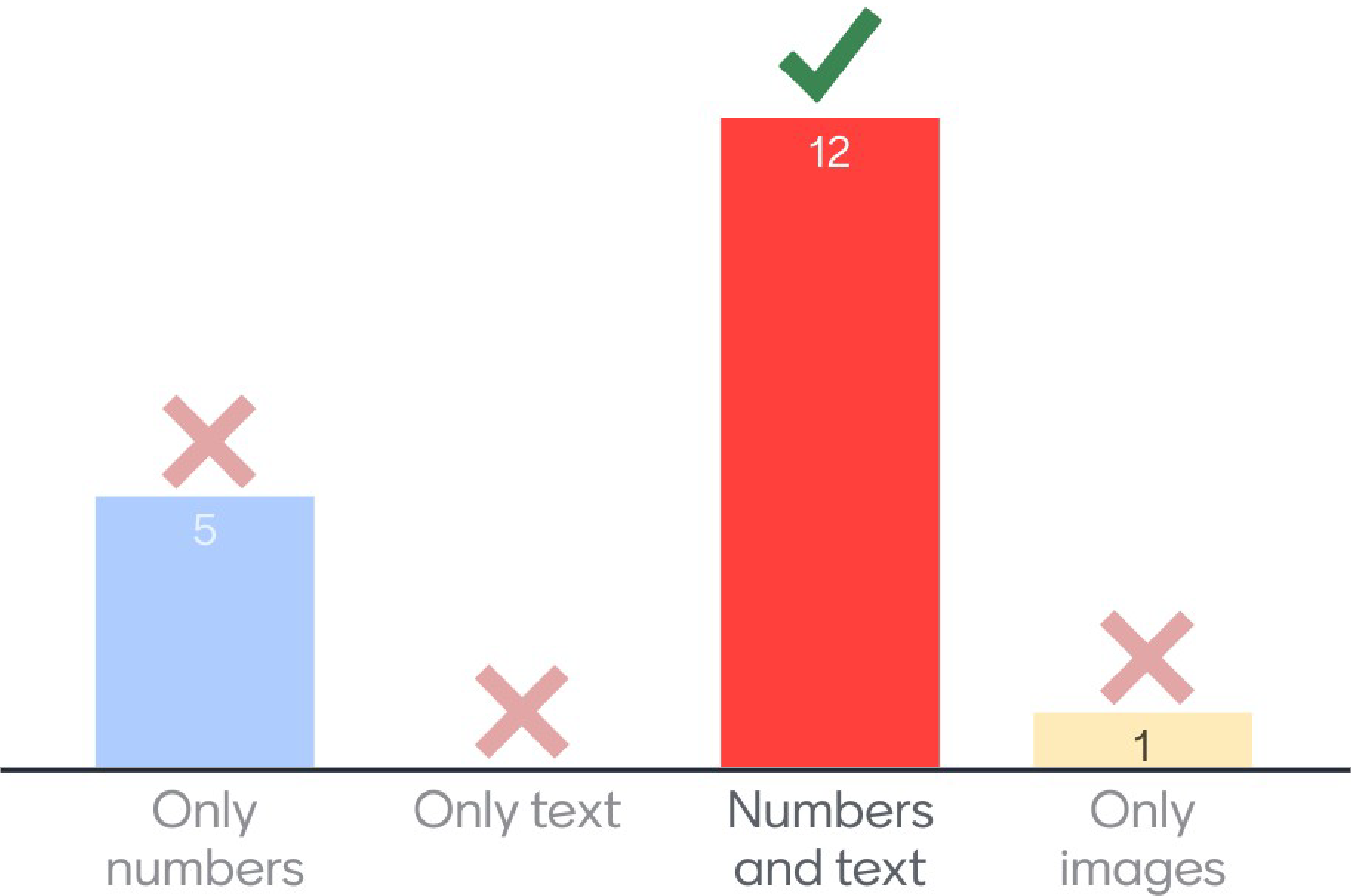


Repeat
until

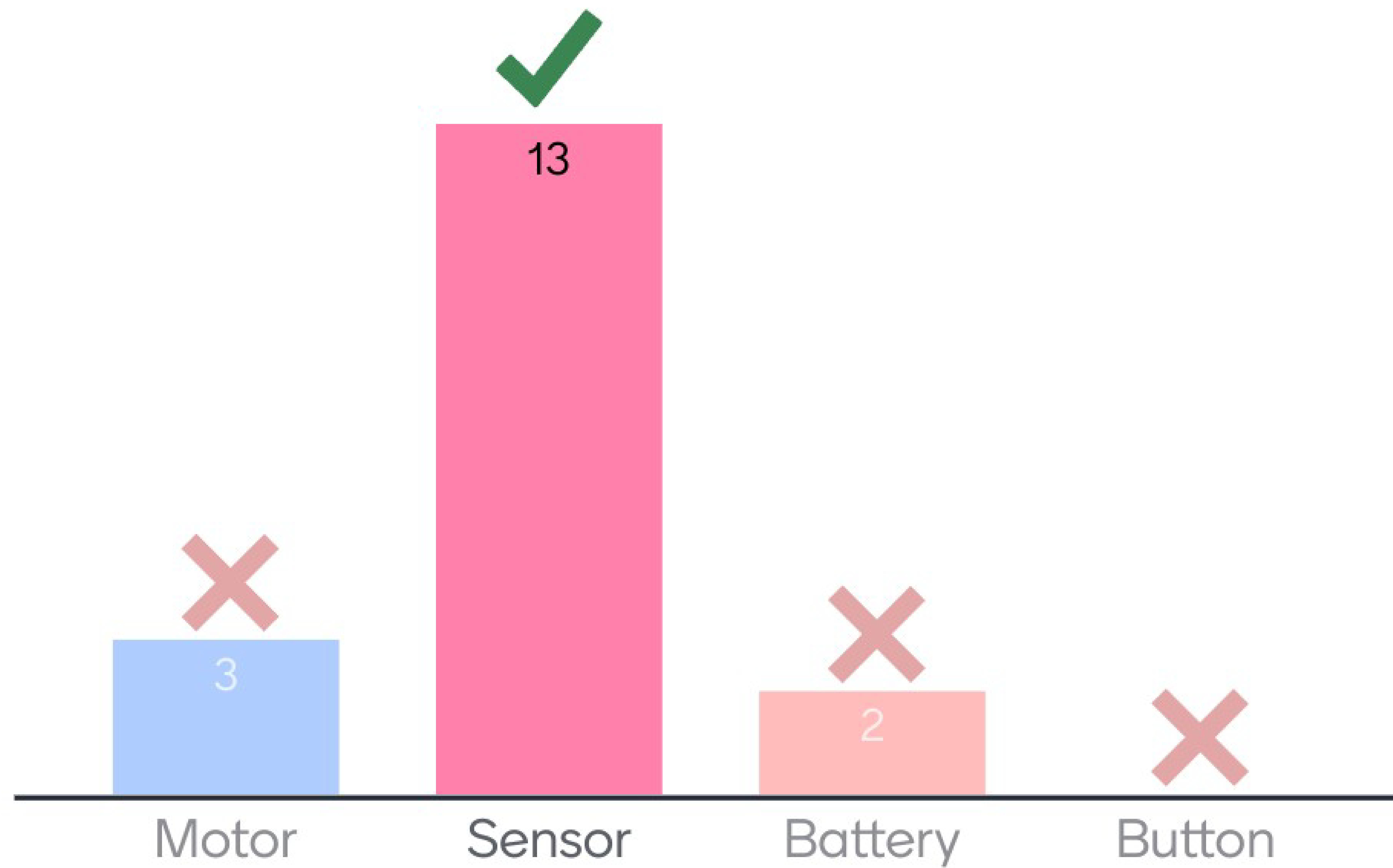
Which block is used to repeat code as long as a certain condition is met?



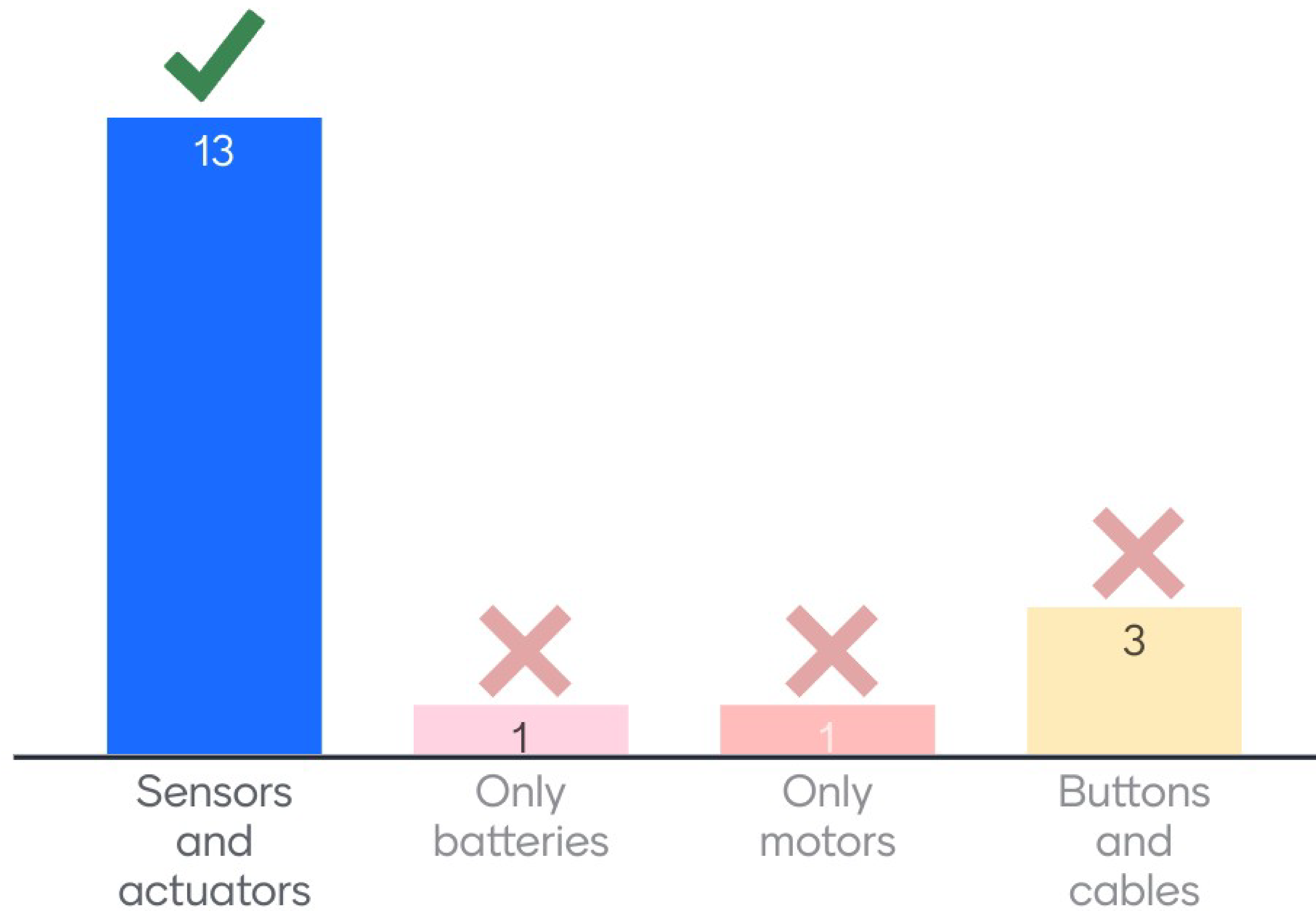
What types of data can be stored in a variable in block-based programming?



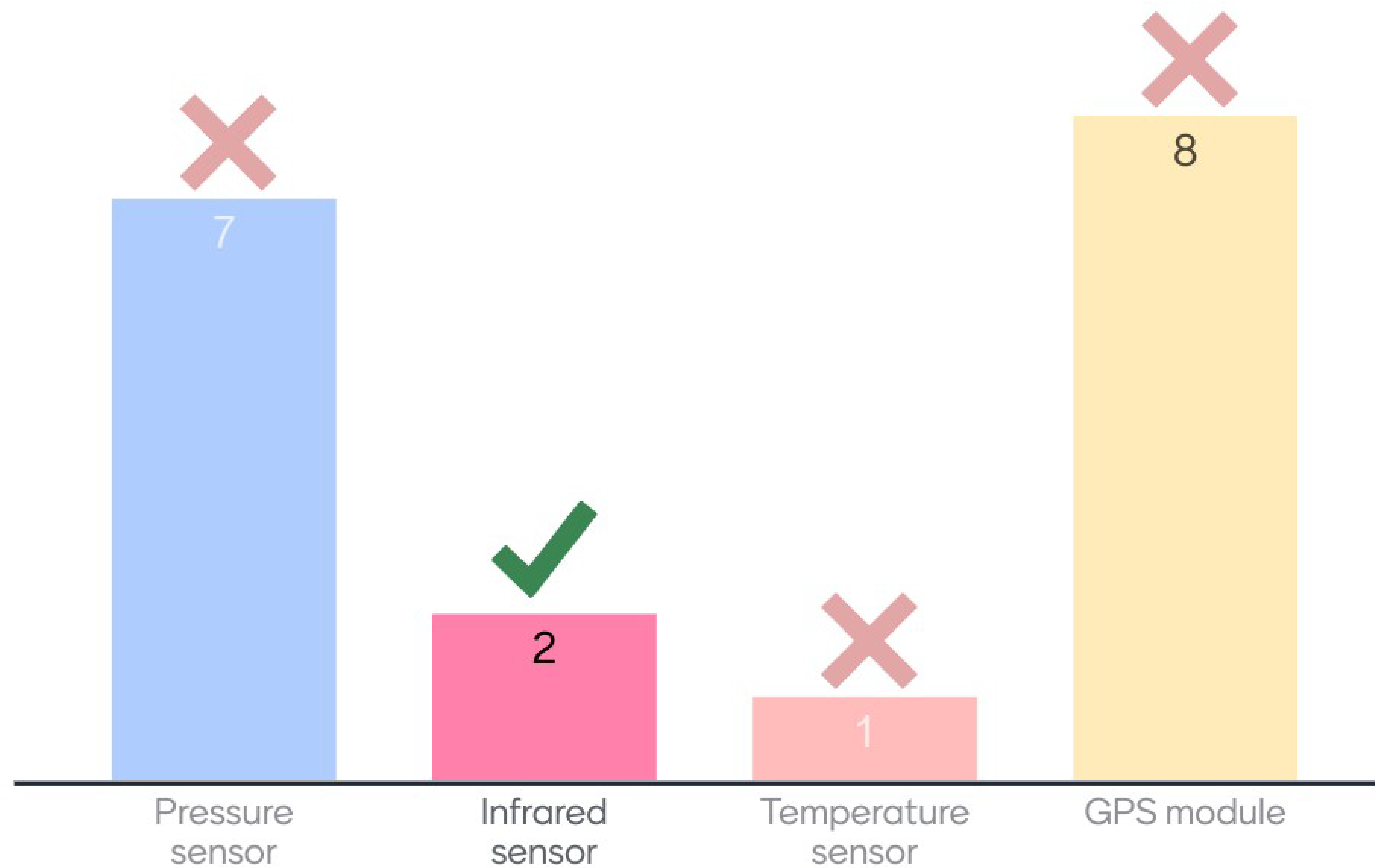
What is the name of the device that helps a robot "see" or "sense" its surroundings?



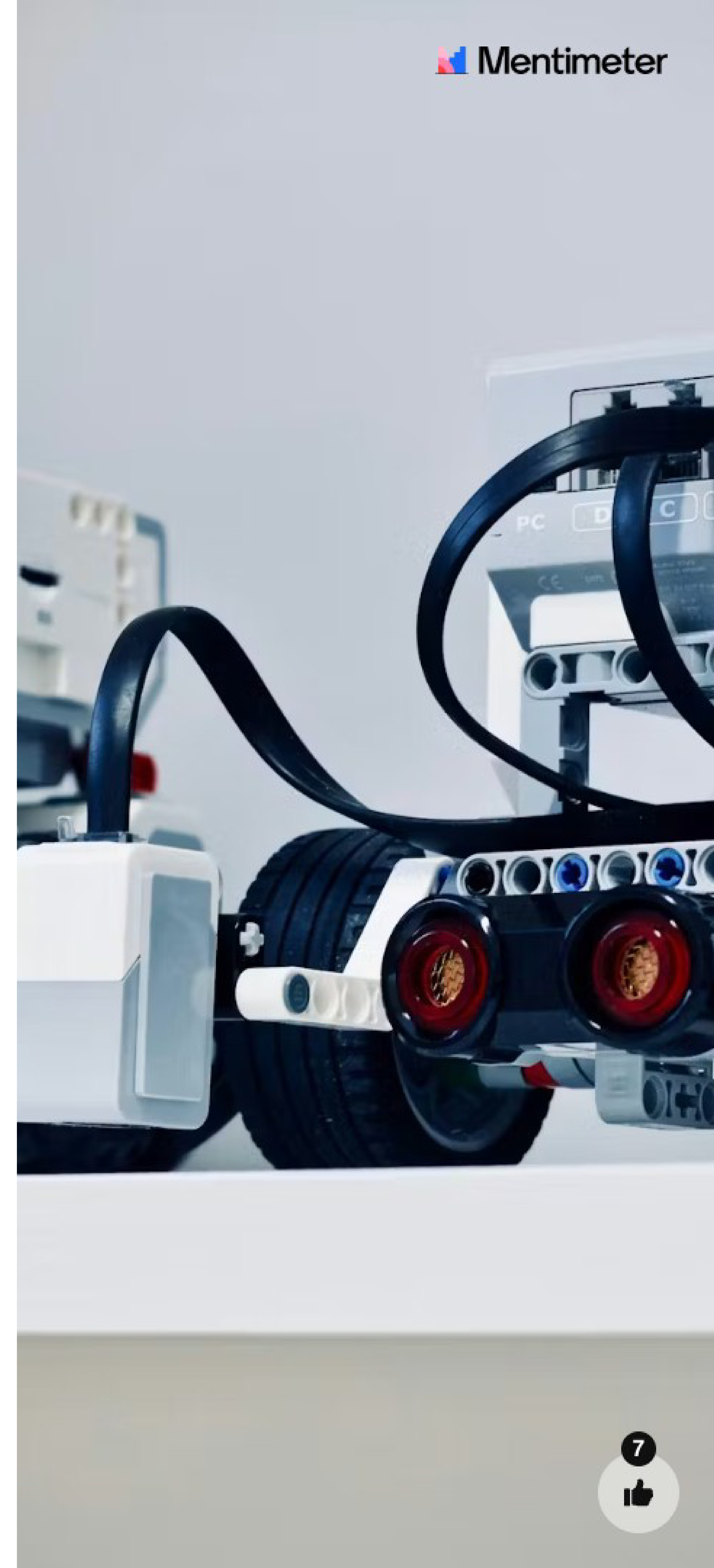
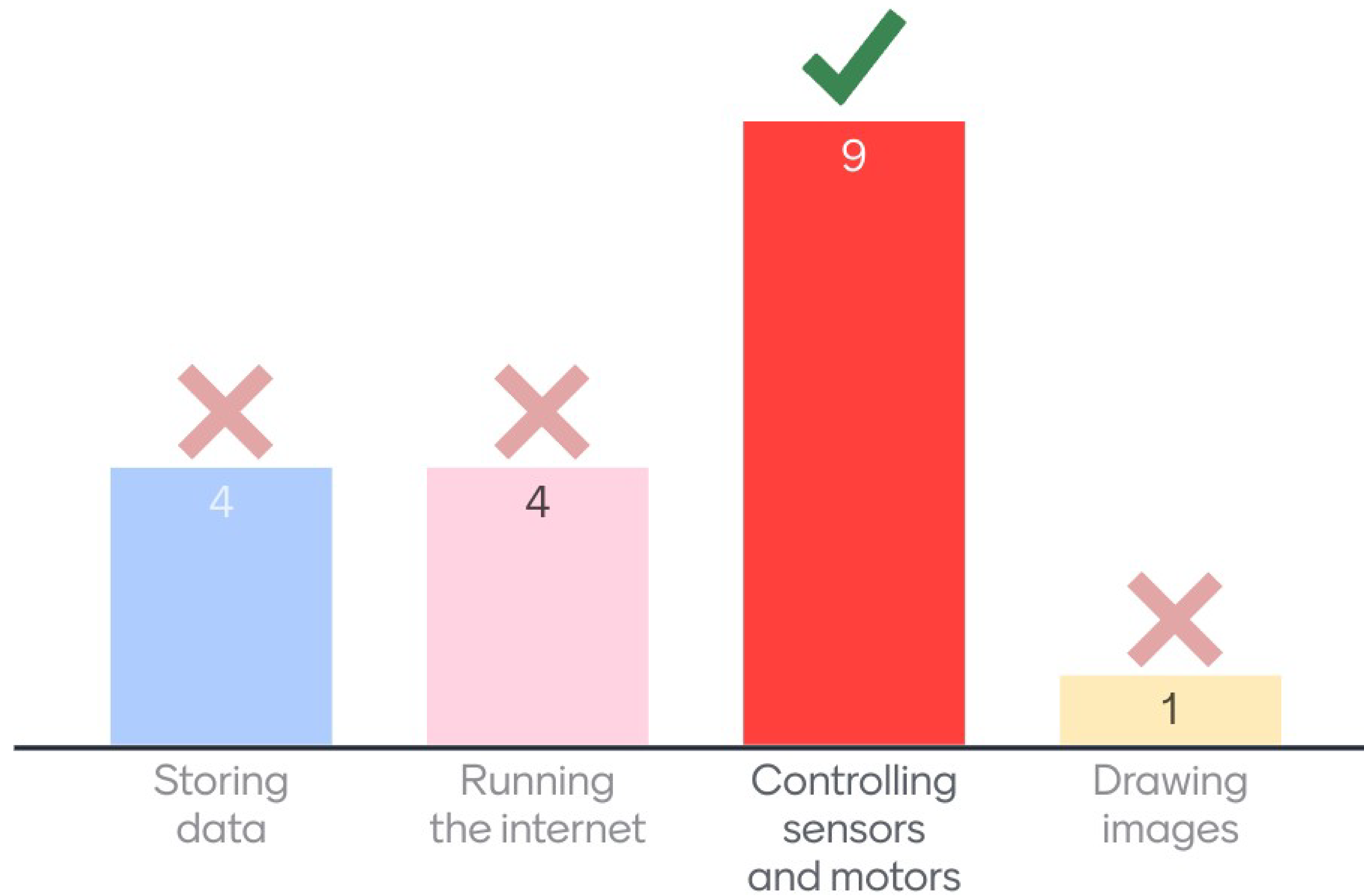
What allows a robot to interact with its environment?



Which sensor allows a robot to follow a line on the ground?



What is the primary function of a microcontroller in robotics?



Quiz leaderboard

