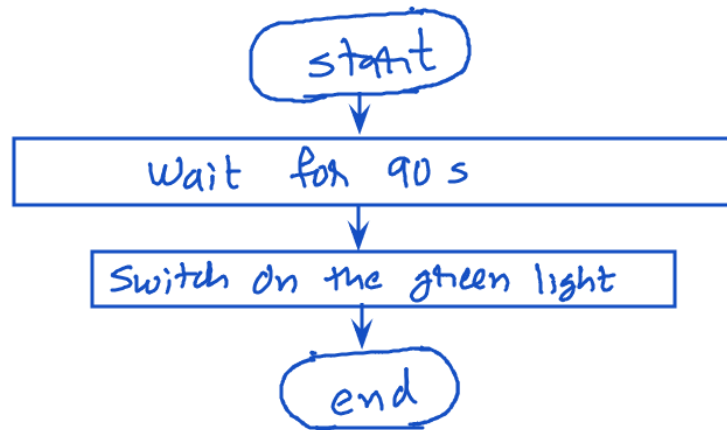


Problem Solving Skill:

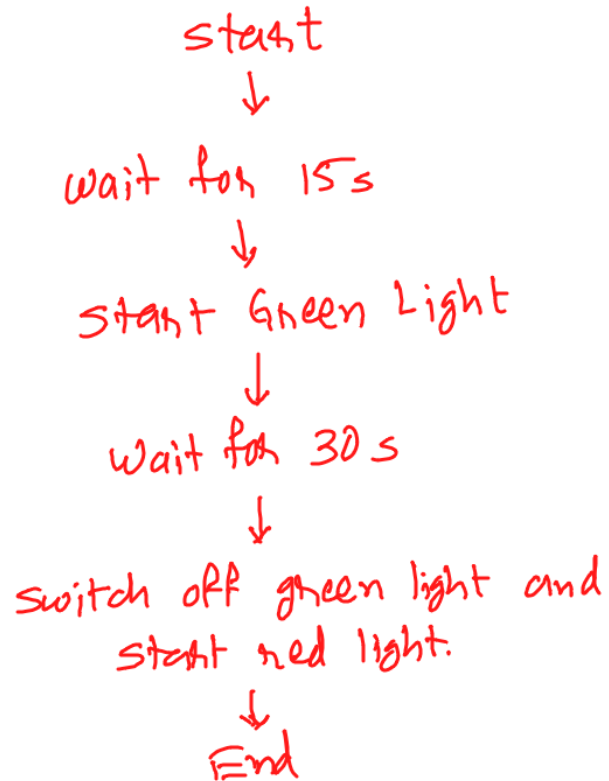
- ✓ (i) How would you approach?
- ✓ (ii) How many approaches can you think of?
- ✓ (iii) Why do you choose that approach only?

★ Flow Charts

→ Draw a flowchart to switch on the green light after 90 s.



① Draw a flowchart that starts the green light after 15s of starting the program. Then wait for 30s and then switch off Greenlight and start Red light.



2. Draw a flow chart for the program that controls the traffic lights of a cross road. The functions of the programs are as below:

First, the Green light starts and is kept on until all the vehicle passes away. It takes 25s. Then the orange light starts instead of green and remains on for next 5s so that the next drivers can slow down. After the orange light turns off, the red light goes on and stays on till the next 90s so that the traffic from other three sides of the cross road can move one by one. This process keeps on repeating the entire day.

