Programming Questions and Obstacle Course

Answer the following questions about these programs.

Program 1

What does a robot running program 1 do? 

Program 2

What's the difference between the program 1 and program 2? 
If you ran these programs on the robot, how would they be different? 

Program 3

What's the difference between program 1 and program 3? 
If a robot were to run 1 and 3, what would be different? 

Program 4

Program 5
What does a robot running program 4 do?

What does a robot running program 5 do?

What's the difference?

What does a robot running program 6 do?

Why do we need to add the icon to zero motor A in program 6?

What does a robot running program 7 do?

Why don’t we need to zero motor C in program 7?

What does a robot running program 8 do?

What does a robot running program 9 do?
What does a robot running program 9 do? ________________________________

How is program 9 different from program 6? ____________________________

What will the robot do differently while running program 9? ______________

Find the programming mistakes, circle them, and correct them.

Program your robot to go around the obstacle course clockwise and then counterclockwise.