



Google Developer Groups
On Campus • Zagazig University

Robotics Bootcamp

Final Project

(Obstacle Avoidance / Line Follower) Robot Arduino Cars

Sources:

- Obstacle Avoidance Web Tutorial: [LINK](#)
- Obstacle Avoidance Video: [LINK](#)
- Line Follower Web Tutorial: [LINK](#)
- Line Follower Video: [LINK](#)

Teams:

- Team **A** → Line Follower.
- Team **B** → Obstacle Avoidance.
- Team **C** → Line Follower.
- Team **D** → Obstacle Avoidance.

Requirements:

- Proteus Simulation of your Robot.
- Arduino Source Code
- A PowerPoint Presentation that you're going to present with your robot.

Building the Robot will be on **[Wednesday, February 12 / 2025]**.

All the above should be finished **before that same Wednesday**.

Judging Criteria:

- Clean Code.
- Speed.
- Accuracy.
- Creativity or added features.
- Overall Performance.