In this activity, you will assemble a two wheel drive robot.

**COMPONENTS**
Robot Base Plate, 2 Motor Clamps, 2 DC Motor, 2 Wheels, Screwdriver, Caster Wheel, 4 M3 Bolt of 25mm length, 10 M3 Bolt of 8mm length, 10 M3 Bolt of 12mm length, 3 M3 Standoff of 20 mm length and 15 M3 Nut.

**STEP-BY-STEP**

1. Fix the motor clamps to the chassis (base plate) using M3 bolts of 8mm length and M3 nuts. (You have to mount the motor clamp on the side of the base plate where there is no evive logo)

2. Attach the two motors, one to each motor clamps, side by side and fasten using M3 bolts of 25mm length and M3 nuts.

3. Now, fit the wheels into the motor shafts.

4. Mount the M3 standoffs (20 mm) on the chassis using M3 bolts of 8mm length.

5. Bring the castor wheel on top of the standoffs in the configuration shown and fasten using M3 bolts of 12 mm length.
6. Using the holes on the back of evive, fasten it to the chassis using M3 bolts of 12mm length.

Your assembly is complete.