Name: _____ Date: _____



When you complete your build and before coding, what is the object you have built:

A) mechanism

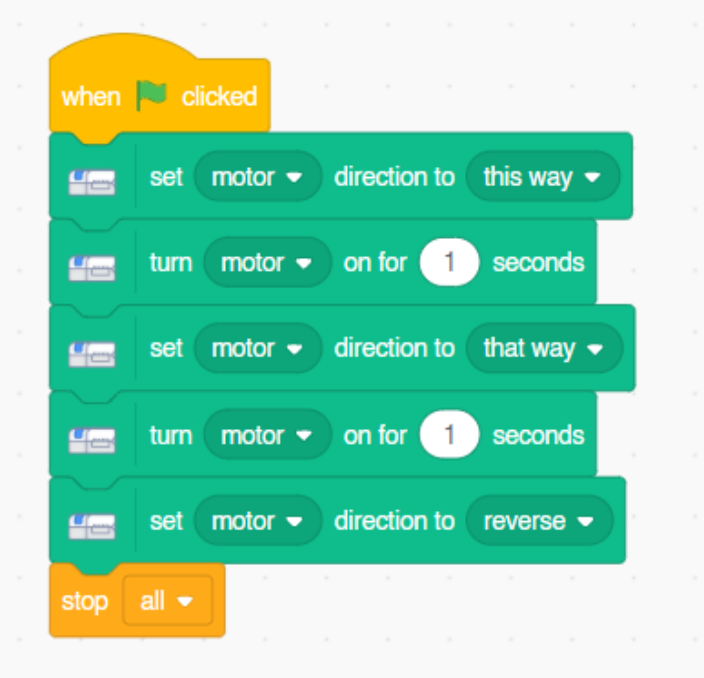
B) automation

Γ) robot/robotic device

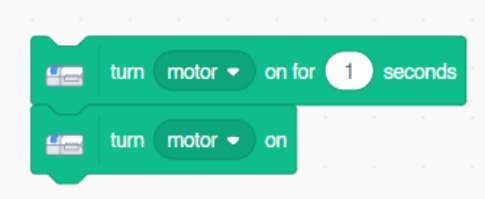
Δ) nothing of the above

Circle your answer and explain it

Explain the blocks of your code and describe what your vehicle does.



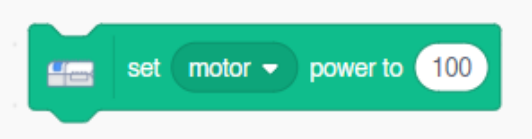
What is the difference between the blocks:



What is the difference between the blocks:



What does the block below mean?



Experiment with the different values of motor power. You need to know that it takes values from 0 to 100. 100 represents the 100% of the motor power, meaning that it uses all the available energy. If you try to use a number higher than 100, you will see that you cannot make your vehicle move faster.

For three different values of motor power, measure the distance your vehicle can cover during the same time. Use a meter for your measurements and fill in the table below.

	30	60	100
1 sec			
5 sec			
10 sec			

What are your inferences?