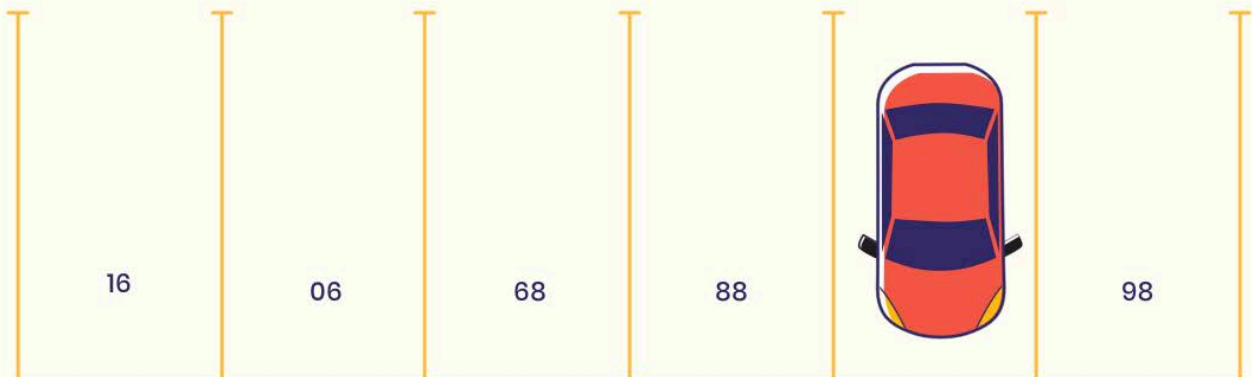


VOCABULARY:

- **Project Manager:** Person in charge of making sure a project is complete and finishes on time.

What's the car's parking spot number?



INDEPENDENT PROJECT WORK

BACKGROUND:

Project-based work will teach you many things and improve several skills, from critical thinking to time management, and build confidence in your abilities as a scientist and engineer. You will spend the majority of the class working in groups on the projects you planned in Class 5.

ENGINEER SPOTLIGHT:

Dr. Abdigani Diriye, Computer Scientist

Abdigani Diriye is a Somali computer scientist who works at IBM Research-Africa. Dr. Diriye works in the field of human-computer interaction and data mining, which extracts patterns from large data sets. He holds over 40 patents and even has his own Wikipedia page! Let's be technology leaders and developers like Dr. Diriye today.



STEPS:

1. With your group, look at your plans from last week.
2. A Project Manager should be designated in your group. This person is in charge of keeping the project on track.
3. Other roles can be designated as needed. Some possibilities are Architect/Designer, Speaker, and Materials Manager. You may have other roles for ideas as well.
4. You will be allowed to take items for building your project. If you need maker tape, tell your Class Leader the measurements you need. You can write them here:









5. Use this space for additional planning or problem solving:

6. What is going well with your builds?

7. What challenges are you facing?

FOR FUN! Write a program to move across the board starting with the Start square and going through each planet, ending with Neptune. Bonus points if you can go in order!

Planets in Order Coding Activity

 Earth			 Neptune
		 Mars	
	 Venus		
		 Jupiter	
 Mercury			 Uranus
Start		 Saturn	

Created by Deirdre Smith of JDaniel4sMom.com with Clip Art from TheCleverTeacher.com