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1. Issues that surround 3D printing in from a medical perspective is that it is an amazing technology to be able to create new body parts with the usage of the bioprinting. However, with most technology that greatly improve there has to be points of context to provide, is it safe and the implementation is done systematically without it being taking advantage of. If done correctly, and implemented into society, the benefits to medical research and medical procedures to augment and improve deuterating body parts and reduce the usage of animals that are currently still in usage.
2. Dead Reckoning is using relative data to be used to calculate the new data. In this case if your system was built with safety in mind but to reduce computational overhead, you take some shortcuts along the way to save and are reduced to an algorithm that uses relative information to set new parameter such as a MRI scanner that uses data of the previous spin to deduce the next rotation there might be an inaccurate image produced that can be interpreted as cancer while it might be a blood clot instead.
- 3.

1	0	0	1	Right
0	1	1	0	Left
0	0	0	0	Coast
0	1	0	1	Brakes
1	0	1	0	Brakes
1	1	0	0	Short
0	0	1	1	Short
1	1	1	1	Short