STAGE ASSESSMENT

[Arduino]

CONTENT:Making a Tracing Line Car by yourselves,you can use any tools(book,Internet,etc.),but not include leaving it to others.

DDL：26/12/2021

Scoring Table

NO	Function Description	Function	Points	Remark
1	Move (including forwards,backwards,turnRight,turnLeft)	forwards	5	
		backwards	5	
		turnRight	5	
		turnLeft	5	
2	Forward Obstacle Avoidance (if there is something ahead,just stop the car)	stop	10	
3	Line Tracing (easy line tracing including straight line and right angle turn)	Tracing straight line	20	
		Turn successfully	20	
4	Indicator Light (When moving,turn on the green light ,and when stop,turn on the red light)	green	5	
		red	5	
5	Code	Specification	0-5	
		Logic	0-15	

Appendix1：

NO	Function Description	Function	Points	Scores
1	Move (including forwards,backwards,turnRight,turnLeft)	forwards	5	
		backwards	5	
		turnRight	5	
		turnLeft	5	
2	Forward Obstacle Avoidance (if there is something ahead,just stop the car)	stop	10	
3	Line Tracing (easy line tracing including straight line and right angle turn)	Tracing straight line	20	
		Turn successfully	20	
4	Indicator Light (When moving,turn on the green light ,and when stop,turn on the red light)	green	5	
		red	5	
5	Code	Specification	0-5	
		Logic	0-15	