Day 25 CS570

	٠:		Ductoo	la C		DID	Controllor		Daha	+Conta	
V	<i>j</i> uiz	OII	Frotoco	118, G	yros,	Γ IL	${f Controllers}$	s, anu	\mathbf{n}	t Contai	mers

Name:	 	 	
HC:			

 $^{1.\ (10\ \}mathrm{pts})\ \mathrm{Write}\ \mathrm{code}\ \mathrm{for}\ \mathrm{a}\ \mathrm{Protocol}\ \mathrm{called}\ \mathtt{Motor}\ \mathrm{theis}\ \mathrm{protocol}\ \mathrm{should}\ \mathrm{have}\ \mathrm{one}\ \mathrm{method}\ \mathrm{called}\ \mathtt{set_raw_output}.$

IDController and	other necessary o	bjects were mae	de in the init	method.	

2. (10 pts) Write a run method for an autonomous routine that asks a robot to move forward 2 meters. Use

3. (10 pts.) Fill in the blanks to make this **RobotContainer** work: import wpilib from autoroutine import AutoRoutine from drivestraight import DriveStraight from drivetrain import Drivetrain from gyroturn import GyroTurn class RobotContainer: def __init__(self) -> None: self.controller = wpilib.Joystick(0) # Create SmartDashboard chooser for autonomous routines self.chooser = wpilib._____() self.drivetrain = Drivetrain() self._configure() def configure(self): self.chooser.____("Twist 90 degrees", GyroTurn(self.drivetrain, 90)) self.chooser._____("Go straight 2m", DriveStraight(self.drivetrain, 2)) wpilib.SmartDashboard._____(self.chooser) def get_autonomous(self) -> AutoRoutine:

return self.chooser.____()