File: C:\Users\M4rc05\Documents\Vex\Starstruck\2223-G\3-28-2007\EncoderValues.c

```
#pragma config(Sensor, dgtl1,  RightQuadEncoder1, sensorQuadEncoder)
#pragma config(Sensor, dgtl3,  LeftQuadEncoder1, sensorQuadEncoder)
#pragma config(Motor,  port1,           LeftMotor,     tmotorVex393 HBridge, openLoop, encoderPort, dgtl3)
#pragma config(Motor,  port10,          RightMotor,    tmotorVex393_HBridge, openLoop, encoderPort, dgtl1)
//*!!Code automatically generated by 'ROBOTC' configuration wizard               !!*//

int c = 0; //initialize a counter

task main(){
  while(1==1){  //A loop to print the values into the debug stream
    writeDebugStreamLine("%i, %i",SensorValue[LeftQuadEncoder1],SensorValue[RightQuadEncoder1]); //Print the values into the debug stream
    wait1Msec(100); //A timer to control the rate the values are printed
    c++;  //Increase the timer by one
    if(c>=10){  //Reset the encoder's value if a second has passed
      c=0;  //Reset counter
      SensorValue[RightQuadEncoder1] = 0; //Reset the right encoder's values
      SensorValue[LeftQuadEncoder1] = 0;  //Reset the left encoder's values
    }
  }
}
```