Use basic stamp control one motor:

Motor speed=33.52rpm

Voltage=780mv

660ms

Period=68.3ms

Use basic stamp control two motors:

Motorspeed = 18.14rpm

Period=136.4ms

Distance=60ms

1. Why the period registered by the oscilloscope is not same though the duration from the PWM is maintain at 50 ?
2. Why by changing the duration value smaller (smaller than 50ms), the motor speed becomes faster ?