```
function P2_0 = calcStagPressureAfterNormal(M1, gamma, P1_0)
% Calculates the stagnation pressure after a normal shock

P2_0 = (((gamma + 1) * (M1^2)) / (((gamma - 1) * (M1^2)) +
 2))^(gamma / (gamma - 1));
P2_0 = P2_0 * ((gamma + 1) / ((2 * gamma * (M1^2)) - (gamma -
 1)))^(1 / (gamma - 1));
P2_0 = P1_0 * P2_0;


end
```

```
Not enough input arguments.

Error in calcStagPressureAfterNormal (line 4)
P2_0 = (((gamma + 1) * (M1^2)) / (((gamma - 1) * (M1^2)) +
 2))^(gamma / (gamma - 1));
```

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