function [] = laplaceTransform(Torque)

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- Initialise variables
- Initialise variables

```
function [L] = laplaceTransform(Torque)
N = size(Torque);

N = N(1);

verbose = 1;

signpost(verbose, 'Start: laplaceTransform()')
```

Initialise variables

Initialise variables

```
signpost(verbose, 'Variable init Loop')

a = a_list(index);
da = da_list(index);
dda = dda_list(index);

T = Torque(index,1);
eq = Torque(index,2);
str = ['T', num2str(index),' == ' char(eq)];

L = simplify(laplace(eq, a, s));
L = simplify(subs(L, da, (1/s)));
L = simplify(subs(L, dda, 1));
L = simplify(subs(L, dda, 1));
L = simplify(L*(s^2));
p(str);
```

```
p(L);
end
signpost(verbose,'Done: laplaceTransform()')
end
```

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