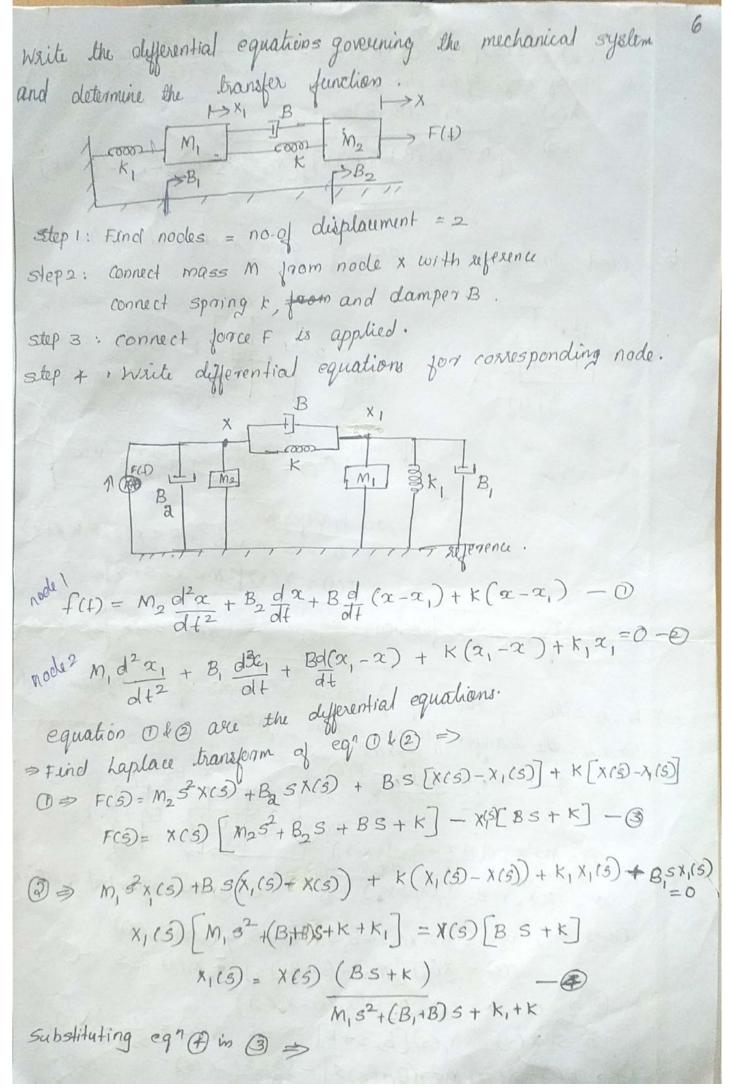
```
ans:-> Find tallemential equation, of given system
                                    > Find transfer function
                                    > Draw Force - Voltage or Force to current analogy
mechanical slm.
                                           mechanical translation of mechanical rotational slm.
     1 Mechanical Translational system
           In this mechanical system, object motion in straight line
                                      x - displacement (m)
                                       ll - velocity dx (m/s)
                                        a - acceleration(m/s^2) = dx^2 = dv
                 Based on this, different forces alle
          for mass (m) Damper Dashpot (B) spring (k)
                           F=MQ F=BU F=Kx.
   Basic elements of mechanical systems are
              1) Mass 2) Damper (Dashpot) 3) spring
The Damper For the service of mass, there will be opposing force of mass F_m = ma = m \frac{d^2 \alpha}{dt^2}

Damper For the service of the sum of the service 
@ spring(k) - + coonty restoring force by spring [FE= +X]
```



F(5) = 
$$\chi(5)$$
 [ $M_2$ 5] ( $M_2$ 

