

$$\overrightarrow{F} = 20N$$
 $m = 1 kg$ $\nearrow P_k = 0.5$

$$N_s = 0.40$$

$$N_R = 0.25$$

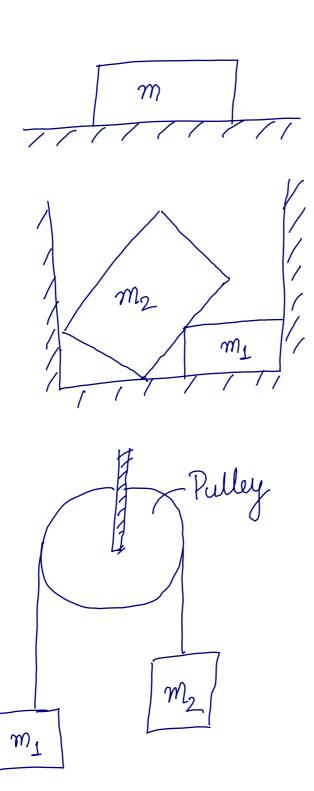
$$m = 2.5 \text{ kg}$$

$$F = 6 \text{ N}$$

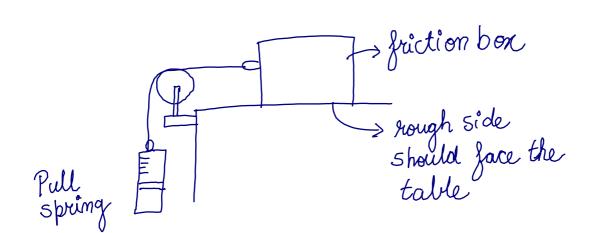
$$M_k = 0.2$$
 $m = 1 kg$ 130^{9}

Make up Assignment #1

Draw the free body diagrams (F13D) corresponding to the Sollowing physical systems. Assume the gravitational force but no friction.



Coefficient of friction,



Inclined plane problems

Fined D