## DYNAMICS ASSIGNMENT

## Planar Kinematics of a Rigid Body (Relative Motion Analysis)

by:

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## Question 1 - Velocity and Acceleration



## Question 2 - Velocity and Acceleration



- the velocity of Point $B$,
- the angular velocity of link $B C$,
- the velocity of Point $C$,
- the acceleration of Point B,
- the angular acceleration of link $B C$, and
- the acceleration of Point $C$.

