11-5-4-4-6D-001 The bean is subjected to the forces Fi= FiN,

 $F_2 = F_2 N$ $F_3 = F_3 N$, and $F_4 = F_4 N$ as shown. What is the total moment of the force about A? $(d_1 = d_1 m, d_2 = d_2 m, d_3 = d_3 m, d_4 = d_4 m, \theta_1 = \theta_1^\circ, md \theta_2 = \theta_2^\circ)$

