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1)	urtis (1.6): An 80 kg man and a 50 kg woman stand 0.5 m from each other. What is the force f gravitational attraction between the couple? {Ans.: 36.04 μ N}
2)	curtis (1.8): If a person's weight is W on the surface of the earth, calculate what it would be, it is rms of W , at the surface of The moon; Mars; Jupiter. Partial Ans.: c) 2.53 W }
3)	rove that equations (3.3) and (3.4) given in the class notes are equivalent to (3.2).
4)	rove that the force function U given by equation (3.4) in the class notes is equal to the total ork done by the gravitational forces in assembling a system of N point masses from a state of finite dispersion to a given configuration.
 5)	rove equation (4.7) given in the class notes.