Math 114 / Homework # 10

NOTE: All the problems below are from Section 16 of the book


- Before getting started, **read/study** Section 16, especially subsections 16.3, 16.4, and make sure that you understand the examples from the relevant sections!

- Work out the **Core Problems** (not necessary to submit them):
  
  16.3 Path Independence, Conservative Fields, and Potential Functions: 1, 4, 19, 20, 27, 28, 30 a), c).
  16.4 Green’s Theorem in the Plane: 4, 7, 9, 11, 19, 26, 28.

- Work out and submit the **suggested additional Problems**:  
  
  16.3 Path Independence, Conservative Fields, and Potential Functions: 2, 3, 4, 12, 13, 18, 26, 35.
  16.4 Green’s Theorem in the Plane: 5, 8, 20, 23, 27, 31, 33, 38, 42.