Project 2

The second project is writing a Matlab function `flux.m` which works as follows.

- As an input, `flux.m` takes a 3-dimensional vector field and x, y, z-coordinates of n points in $\mathbf{R}^3$.
- As an output,
  1. `flux.m` draws a ploygonal surface consists of triangles whose vertices are taken from n points above,
  2. and computes the total **flux** of the vector field over the surface.
- Each project group must submit an **m-file** (10 points) `flux.m` and an **1-page report** (10 points).
  - You can decide the format of input and output of the function as long as the function performs the required tasks.
  - In the 1-page report, you must explain carefully how to use your function, and the algorithm behind the function.
- Due date is **Dec. 7th, 11:59pm**.