C=0.1;Sup.Vec.=30;Misclass=9

C=100;Sup.Vec.=19;Misclass=7

- Report is not necessary
- Part 1: Run the code and for each of the two figures, note the following visually:
  - Location and orientation of decision hyperplane **(+15)**
  - Location and orientation of two margin hyperplanes **(+15)**
  - Number of support vectors (plus or minus one) **(+15)**
  - Number of misclassifications (plus or minus one) **(+15)**
- Part 2: Run the code and note the following visually:
  - Number of training samples is 1000 or more **(+5)**
  - SMO implementation is, in general, faster and appears to scale linearly **(+10)**
- Plots must be clearly labelled   **(+5)**

Max of 100
Start with 20 points

Computation Efficiency

svmtrain()
My implementation

Time Taken (s)

# of Training Samples