Name:

Date:

Class: CS 160

Assignment #6

1) Look up what a **deadlock** is in relation to computers/CPUs, write a paragraph describing what you learned. (Four Points)

2) Research what a ‘boot loader’ is. What does it do? (Three Points)

3) What are three required traits of an algorithm? (Three Points)



4) Describe what Big O notation is (two to three sentences). (Four Points)



5) Use insertion sorting to sort this list. (Six Points)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Initial List | 85 | 29 | 41 | 76 | 22 | 8 |
| Pass 1 |  |  |  |  |  |  |
| Pass 2 |  |  |  |  |  |  |
| Pass 3 |  |  |  |  |  |  |
| Pass 4 |  |  |  |  |  |  |
| Pass 5 |  |  |  |  |  |  |