

CSci 4651 Fall 2008
Problem Set 10: Object-oriented features of C++ and Java;
subtyping.

Due Wednesday, December 10

Problem 1 (8 points). Exercise 12.1 p. 367. Feel free to try the code. Note that b1, d1 are *pointers*, and b2, d2 are the objects themselves.

Problem 2 (8 points: 4 points for the eighth questions and 4 points for the examples). Exercise 12.3 p. 373. **Important:** Additionally, for any two cases where the subtyping does not hold give an example of usage that leads to a type error.

Problem 3 (10 points). Exercise 13.4 p. 421. Note: “Vet” should be “Veg” :-)

Problem 4 (8 points). Exercise 13.5 p. 421.