North South University
Department of Electrical and Computer Engineering
CSE 215L: Programming Language II Lab

Lab – 10: Inheritance & Polymorphism

Objective:
- To understand inheritance
- To understand polymorphism

Plant	Flower extends Plant
- name: String - color: String	- hasSmell: boolean - hasThorn: boolean
/* constructor */ /* accessor-mutator */ /* toString */	/* constructor */ /* accessor-mutator */ /* toString */

Herb extends Plant	
- isMedicinal: boolean - season: String	
/* constructor */ /* accessor-mutator */ /* toString */	

In main method, create an array of Plant objects and implement these methods:

static void add(Plant [] plants, Plant p) // to add new plant object into the array

static void remove(Plant [] plants, String n) // remove a plant given its name

static Plant search(Plant [] plants, String n) // search for a plant given its name

static void display(Plant [] plants) // display all Plant objects