// COSC 1320 Summer 2015

// Name: Adrian

// Programming Assignment 1

// This is my own work; I will not post

package programmingassignment1;

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public class Surgeon extends Employee{

String specialty;

char operating;

Surgeon(){

operating = 'N';

}

Surgeon(char newRole , String newName , int newID , String spec , char inOp){

super(newRole , newName , newID);

specialty = spec;

operating = inOp;

addEmployee((Employee)this);

}

public void deleteEmployee(){

deleteEmployee(getName() , getRole());

}

// Mutators

public void setSpec(String newSpec){

specialty = newSpec;

}

public void setOpStat(char opStat){

operating = opStat;

}

// Accessors

public String getSpec(){

return specialty;

}

public char getOpStat(){

return operating;

}

@Override

public String toString(){

return (super.toString() + " " + specialty + " " + operating);

}

@Override

public String toString(boolean t){

return (super.toString() + " Specialty: " + specialty + " Operating: " + operating);

}

@Override

public boolean equals(Employee obj){

if(obj == null){

return false;

}else if(getClass() != obj.getClass()){

return false;

}else{

Surgeon otherSurge = (Surgeon)obj;

return (getName().equals(otherSurge.getName()) && getRole() == otherSurge.getRole());

}

}

}