@Before

public void setUp() {

adhocTicketDAO = new AdhocTicketDAO(new AdhocTicketFactory());

seasonTicketDAO = new SeasonTicketDAO(new UsageRecordFactory());

ig = new Gate(1330, 320);

incs = new CarSensor("Entry Inside Sensor", 20, 440);

oucs = new CarSensor("Entry Outside Sensor", 20, 100);

ieu = new ExitUI(1000, 100);

cp = new Carpark("BMW", 2, adhocTicketDAO, seasonTicketDAO);

ec = new ExitController(cp, ig, incs, oucs, ieu);

t1 = new SeasonTicket("S1111", "Bathurst Chase", 0L, 0L);

cp.registerSeasonTicket(t1);

cp.issueAdhocTicket();

cp.recordAdhocTicketEntry();

cp.recordSeasonTicketEntry(t1.getId());

}

@After

public void tearDown() {

adhocTicketDAO = null;

seasonTicketDAO = null;

ig = null;

incs = null;

oucs = null;

ieu = null;

cp = null;

ec = null;

}

@Test

public void issessioninus() {

assertTrue(cp.isSeasonTicketValid("S1111"));

assertFalse(cp.isSeasonTicketValid("S1211"));

}

@Test

public void issessioninuse() {

assertTrue(cp.isSeasonTicketInUse("S1111"));

}

@Test

public void isfull() {

assertTrue(cp.isFull());

}

}