

## Test

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8
9 @Test
0 void toStringTest1() {
1     Teacher dean = new Teacher("Tom", 40, "M", "1000 Ottawa Street", "111-2222", 1, "Math",
2     Department department = new Department(100, "Computer Science", dean);
3
4     String expected = "Department{id=100, name=Computer Science, dean=Person{name=Tom, age=
5     assertEquals(expected, department.toString());
6 }
7
8
```

```
@Test
void toStringTest2() {

    Teacher dean2 = new Teacher("Jerry", 45, "M", "2000 Ottawa Street", "333-4444", 2, "Phy
    Department department2 = new Department(200, "Physics", dean2);

    String expected2 = "Department{id=200, name=Physics, dean=Person{name=Jerry, age=45, ge
    assertEquals(expected2, department2.toString());
}
```

```
@Test
void computePayRollTeacherTest1() {
    Teacher fullTimeTeacher = new Teacher("Steve", 35, "M", "101 Rue Peel", "111-2222", 1,
    Teacher partTimeTeacher = new Teacher("Maria", 30, "F", "235 Rue young", "333-4444", 2,

    double expectedFullTimePayRoll = (32 * fullTimeTeacher.getDegreeRate() * 2) * 0.85;
    double expectedPartTimePayRoll = (partTimeTeacher.hoursWorked * partTimeTeacher.getDegr

    assertEquals(expectedFullTimePayRoll, fullTimeTeacher.ComputePayRoll(), 0.01);
    assertEquals(expectedPartTimePayRoll, partTimeTeacher.ComputePayRoll(), 0.01);
}
```

```
@Test
void computePayRollStaffTest1() {
    Staff staffMember1 = new Staff("Alice", 28, "F", "1111 Atwater St", "555-qqqq", "Progra
    Staff staffMember2 = new Staff("Bob", 45, "M", "630 rue William", "555-4321", "Janitor"

    double expectedStaffMember1PayRoll = (staffMember1.getWorkload() * 32 * 2) * 0.75;
    double expectedStaffMember2PayRoll = (staffMember2.getWorkload() * 32 * 2) * 0.75;

    assertEquals(expectedStaffMember1PayRoll, staffMember1.ComputePayRoll(), 0.01);
    assertEquals(expectedStaffMember2PayRoll, staffMember2.ComputePayRoll(), 0.01);
}
}
```

