*/\*\*  
 \* Created by t00025164 on 22/02/2018.  
 \*/***public class** Engineer {  
  
 **private** String **name**;  
 **private int phone\_number**;  
  
  
 **public** Engineer(String name, **int** phone\_no){  
 setName(name);  
 setPhoneNo(phone\_no);  
 }  
 **public void** setName(String name){  
 **this**.**name** = name;  
 }  
  
 **public void** setPhoneNo( **int** phone\_no){  
 **this**.**phone\_number** = phone\_no;  
 }  
  
 **public** String getName() {  
 **return name**;  
 }  
  
 **public int** getContactNo()  
 {  
 **return phone\_number**;  
 }  
  
 **public** String toString() {  
 **return "Name: "** + getName() + **" Phone Number: "** + getContactNo();  
 }  
  
 **public** String EngDetails() {  
 **return name** + **phone\_number**;  
 }  
  
  
  
}

Test Class

**import** org.easymock.EasyMock;  
**import** org.junit.Test;  
**import** org.junit.runner.RunWith;  
**import** org.powermock.api.easymock.PowerMock;  
**import** org.powermock.core.classloader.annotations.PrepareForTest;  
**import** org.powermock.modules.junit4.PowerMockRunner;  
  
**import static** org.easymock.EasyMock.*expect*;  
**import static** org.junit.Assert.\*;  
  
*/\*\*  
 \* Created by t00025164 on 22/02/2018.  
 \*/*@RunWith(PowerMockRunner.**class**)  
@PrepareForTest(Robot.**class**)  
  
**public class** RobotEngineerTest {  
  
 @Test  
 **public void** testEngineer() **throws** Exception {  
  
 System.***out***.println(**"in test"**);  
  
 Robot buddy = **new** Robot(**"buddy"**, 1);  
  
 */\*call the createMock to create a mock for the Owner class \*/* Engineer mockEngineer = EasyMock.*createMock*(Engineer.**class**);  
  
 */\* Tell PowerMock to intercept any new call and return mockOwner \*/* System.***out***.println(**"before powermock"**);  
  
 PowerMock.*expectNew*(Engineer.**class**, **"Jake Black"**, 123456).andReturn(mockEngineer);  
  
 */\* set up the expected values and return values \*/  
 expect*(mockEngineer.EngDetails()).andReturn(**"Jake Black123456"**);  
  
 */\*activate the mock \*/* PowerMock.*replay*(mockEngineer, Engineer.**class**);  
  
 String expResult = **"Jake Black123456"** ;  
  
  
 String result = buddy.recordEngineer(**"Jake Black"**, 123456);  
 *assertEquals*(expResult, result);  
  
 */\* verify that PowerMock was called and used \*/* PowerMock.*verify*(mockEngineer, Engineer.**class**);  
  
 }  
  
}