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| Test Cases | Output | Test |
| **//create a Phone**  **Phone phone1 = new Phone("355", "856", "5439");**  **System.out.println("phone1:"+phone1.toString()+"\n");** | phone1:(355)856-5439 | YES |
| **// create a BusinessPhone**  **BusinessPhone businessPhone1 = new BusinessPhone("312", "987", "3340", "5168")**  **System.out.println("businessPhone1:"+businessPhone1.toString()+"\n");** | businessPhone1:(312)987-3340 5168 | YES |
| **// create a BusinessPhone from a Phone**  **BusinessPhone businessPhone2 = new BusinessPhone(phone1, "3456");**  **System.out.println("businessPhone2:"+businessPhone2.toString()+"\n");** | businessPhone2:(312)867-5309 3456 | YES |
| **// change the Phone**  **phone1.setArea("234");**  **System.out.println("phone1:"+phone1.toString()+"\n");** | phone1:(234)867-5309 | YES |
| **// output the BusinessPhone created from the Phone**  **System.out.println("businessPhone2:"+businessPhone2.toString()+"\n");** | businessPhone2:(312)867-5309 3456 | YES |
| **// call Phone method on a BusinessPhone**  **System.out.println("businessPhone1 exchange:" + businessPhone1.getExchange()+"\n");** | businessPhone1 exchange:567 | YES |
| **// try to create a bad phone number**  **Phone phone2 = new Phone("4647", "67", "90009");**  **System.out.println("phone2:"+phone2.toString()+"\n");** | Invalid area code | YES |
| **// call a BusinessPhone method on a Phone**  **//This should not work. why?**  **String temp = phone1.getExtension();** | The method getExtension() is undefined for the type Phone | NO |

The last row does not check because it tried to call the extension method in Phone class, but there is no extension attribute in Phone class. Therefore, it will not work.