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| Test | Description | Change code | Expected Output | Passed |
| 1 | Test default constructor | Date testDate;  printDate(testDate); | Day: 1  Month: 1  Year: 1900 | Y |
| 2 | Test SetYear | Date testDate;  if(!testDate.SetDate(1, 1, 9999) && !testDate.SetDate(01, 01, 0))  cout << "Out of range!!!" << endl;  if(testDate.SetDate(1, 1, 9998))  printDate(testDate);  if(testDate.SetDate(1, 1, 1))  printDate(testDate); | Out of range!!!  Day: 1  Month: 1  Year: 9998  Day: 1  Month: 1  Year: 1 | Y |
| 3 | Test SetMonth | Date testDate;  if(!testDate.SetDate(1, 0, 2000) && !testDate.SetDate(1, 13, 2000))  cout << "Out of range!!!" << endl;  if(testDate.SetDate(1, 1,2000))  printDate(testDate);  if(testDate.SetDate(1, 12, 2000))  printDate(testDate); | Out of range!!!  Day: 1  Month: 1  Year: 2000  Day: 1  Month: 12  Year: 2000 | Y |
| 4 | Test SetDay February leap year | Date testDate;  if(!testDate.SetDate(29, 2, 2001)  cout << "Out of range!!!" << endl;  if(testDate.SetDate(29, 2,2000))  printDate(testDate);  if(testDate.SetDate(29, 2, 2004))  printDate(testDate); | Out of range!!!  Day: 29  Month: 2  Year: 2000  Day: 29  Month: 2  Year: 2004 | Y |
| 5 | Test SetDay February non leap year | Date testDate;  if(!testDate.SetDate(31, 2, 2001) && !testDate.SetDate(30, 2, 2001))  cout << "Out of range!!!" << endl;  if(testDate.SetDate(28, 2,2001))  printDate(testDate);  if(testDate.SetDate(1, 2, 2003))  printDate(testDate); | Out of range!!!  Day: 28  Month: 2  Year: 2001  Day: 1  Month: 2  Year: 2003 | Y |
| 6 |  | Date testDate;  if(!testDate.SetDate(31, 4, 2000) && !testDate.SetDate(31, 9, 2000) && !testDate.SetDate(31, 6, 2000) && !testDate.SetDate(31, 11, 2000))  cout << "Out of range!!!" << endl;  if(testDate.SetDate(30, 4,2001))  printDate(testDate);  if(testDate.SetDate(30, 9, 2003))  printDate(testDate);  if(testDate.SetDate(30, 6,2001))  printDate(testDate);  if(testDate.SetDate(30, 11, 2003))  printDate(testDate); | Out of range!!!  Day: 30  Month: 4  Year: 2001  Day: 30  Month: 9  Year: 2003  Day: 30  Month: 6  Year: 2001  Day: 30  Month: 11  Year: 2003 | Y |
| 7 | Test SetDay 31 day months | Date testDate;  if(!testDate.SetDate(32, 1, 2001) && !testDate.SetDate(0, 12, 2001))  cout << "Out of range!!!" << endl;  if(testDate.SetDate(12, 1,2001))  printDate(testDate);  if(testDate.SetDate(1, 12, 2003))  printDate(testDate); | Out of range!!!  Day: 31  Month: 1  Year: 2001  Day: 1  Month: 12  Year: 2003 | Y |
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