

```
1 package pages;
2
3 import org.openqa.selenium.By;
4 import org.openqa.selenium.WebDriver;
5 import org.openqa.selenium.WebElement;
6 import org.openqa.selenium.support.FindBy;
7 import org.openqa.selenium.support.PageFactory;
8
9 public class DatapickerPage {
10     WebDriver driver;
11     @FindBy(xpath="//a[@href='date-picker.php']")
12     WebElement datapickerlink;
13     @FindBy(xpath="//input[@id='single-input-field']")
14     WebElement enterdate;
15
16     public DatapickerPage(WebDriver driver) {
17         this.driver=driver;
18         PageFactory.initElements(driver, this);
19     }
20
21     public void clickDataPickerButton() {
22         datapickerlink.click();
23     }
24
25     public void clickOnEnterdate() {
26         enterdate.click();
27     }
28
29     public void selectDate(String date) {
30         clickOnEnterdate();
31         String split[]=date.split("-");
32         String year=split[2];
33         String day=split[0];
34         int m=Integer.parseInt(split[1]);
35         String month="";
36         switch(m) {
37             case 1:
38                 month="January";
39                 break;
40
41             case 2:
42                 month= "February";
43                 break;
44
45             case 3:
46                 month= "March";
47                 break;
48
49             case 4:
50                 month= "April";
51                 break;
52
53             case 5:
54                 month= "May";
55                 break;
56
57             case 6:
58                 month= "June";
59                 break;
60
61             case 7:
62                 month= "July";
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63         break;
64
65     case 8:
66         month= "August";
67         break;
68
69     case 9:
70         month= "September";
71         break;
72
73     case 10:
74         month= "October";
75         break;
76
77     case 11:
78         month= "November";
79         break;
80
81     case 12:
82         month= "December";
83         break;
84     }
85     System.out.println(day);
86     System.out.println(month);
87     System.out.println(year);
88     WebElement prevButton=driver.findElement(By.xpath("//th[@class='prev']"));
89     WebElement nextButton=driver.findElement(By.xpath("//th[@class='next']"));
90     String month_year=month+" "+year;
91     while(true) {
92         String actualMonthYear=driver.findElement(By.xpath("(//th[@class='datepicker-
switch'])[1]")).getText();
93         if(actualMonthYear.equals(month_year)) {
94             break;
95         }
96         else if (m>10){
97
98             nextButton.click();
99         }
100        else {
101            prevButton.click();
102        }
103    }
104    driver.findElement(By.xpath("//td[text()=' "+day+" ' and @class='day']")).click();
105 }
106
107 }
108
```