

```
1 package com.company;
2 import java.util.Scanner;
3 class Age{
4     int years;
5     String months,name;
6     Scanner s=new Scanner(System.in);
7     void get_details(){
8         System.out.println("Enter your name:");
9         name=s.nextLine();
10        System.out.println("Enter your year of birth:");
11        years=s.nextInt();
12        System.out.println("Enter your month of birth:");
13        months=s.next();
14        s.nextLine();
15        months=months.toLowerCase();
16    }
17    int month_number(){
18        switch (months){
19            case "january":return 1;
20            case "february":return 2;
21            case "march":return 3;
22            case "april":return 4;
23            case "may":return 5;
24            case "june":return 6;
25            case "july":return 7;
26            case "august":return 8;
27            case "september":return 9;
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28         case "october":return 10;
29         case "november":return 11;
30         case "december":return 12;
31         default:return -1;
32     }
33 }
34 @ void elder_person(Age a2){
35     if (this.years>a2.years){
36         System.out.println(a2.name+" is elder than "+this.name);
37     }
38     else if (this.years<a2.years){
39         System.out.println(this.name+" is elder than "+a2.name);
40     }
41     else{
42         if (this.month_number()>a2.month_number()){
43             System.out.println(a2.name+" is elder than "+this.name);
44         }
45         else if (this.month_number()<a2.month_number()){
46             System.out.println(this.name+" is elder than "+a2.name);
47         }
48         else{
49             System.out.println("Both are of equal age");
50         }
51     }
52 }
53 }
54 public class lp3_2 {

```



```

54 ▶ public class lp3_2 {
55 ▶     public static void main (String args[]){
56         Age a1=new Age();
57         a1.get_details();
58         if (a1.month_number()==-1){
59             System.out.println("The month you have input is valid");
60             return;
61         }
62         Age a2=new Age();
63         a2.get_details();
64         if (a2.month_number()==-1){
65             System.out.println("The month you have input is valid");
66             return;
67         }
68         a1.elder_person(a2);
69     }
70 }
71 |

```

"C:\Program Files\Java\jdk1.8.0\_261\bin\java.exe"

Enter your name:

Jahnavi

Enter your year of birth:

2001

Enter your month of birth:

May

Enter your name:

Nidhi

Enter your year of birth:

2007

Enter your month of birth:

march

Jahnavi is elder than Nidhi

Process finished with exit code 0

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