

lp3-2)

```
import java.util.Scanner;
class Age {
    int years;
    String months, name;
    Scanner s = new Scanner(System.in);
    void get-details() {
        System.out.println("Enter your name:");
        name = s.nextLine();
        System.out.println("Enter your year
of birth:");
        years = s.nextInt();
        System.out.println("Enter your month
of birth:");
        months = s.next();
        s.nextLine();
        months = months.toLowerCase();
    }
}
```

```
int month-number() {
    switch (months) {
```

```
        case "january" : return 1;
        case "february" : return 2;
        case "march" : return 3;
        case "april" : return 4;
        case "may" : return 5;
        case "june" : return 6;
        case "july" : return 7;
        case "august" : return 8;
        case "september" : return 9;
        case "october" : return 10;
        case "november" : return 11;
        case "december" : return 12;
        default : return -1;
    }
```


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```

void elder-person(Age a2) {
    if (this.years > a2.years) {
        System.out.println(a2.name + " is elder
        than " + this.name);
    }
    else if (this.years < a2.years) {
        System.out.println(this.name + " is elder than "
        + a2.name);
    }
    else {
        if (this.month-number() < a2.month-number()) {
            System.out.println(this.name + " is elder
            than " + a2.name);
        }
        else if (this.month-number() > a2.month-
        number()) {
            System.out.println(a2.name + " is elder
            than " + this.name);
        }
        else {
            System.out.println("Both are of equal
            age");
        }
    }
}
}
}
  
```

```

public class Ip3-2 {
    public static void main(String args[]) {
        Age a1 = new Age();
        a1.get-details();
        if (a1.month-number == -1) {
            System.out.println("The month you
            have input is invalid");
            return;
        }
        Age a2 = new Age();
        a2.get-details();
    }
}
  
```

```
if (a2.month-number() == -1) {  
    System.out.println("The month you  
    have input is invalid");  
    return;  
}
```

```
al.elder-person(a2)
```

```
}
```