

variable id
variable name
variable birthDate
according to the above specifications
d setters has been implemented for
de stub
ethod for this class using in Stream
ocalDate birthDate):
age (implemented for you, as a
ersonDetails(List<Person>

```
Java 8
8 import java.util.stream.Collectors;
9 import java.util.stream.*;
10
11
12 class Person{
13     //Write Your Code Here...
14     private Integer id;
15     private String name;
16     private LocalDate birthDate;
17     Person(int id, String name, LocalDate birthDate){
18         this.id = id;
19         this.name = name;
20         this.birthDate = birthDate;
21     }
22     public Integer getId(){
23         return id;
24     }
25     public void setId(Integer id){
26         this.id = id;
27     }
28
29     public String getName(){
30
```

Autocomplete reconnecting.

RUN CODE

Test Results

Custom Input

Sample_TC
✓

Test_EmptyList
✓

Test_sortlist

Passed

Description
Testcase passed!

3.36s
Eval Time

0s
CPU

1MB
Memory

Task:

```
class Person;
```

- define the Integer variable id
- define the String variable name
- define the LocalDate variable birthDate
- define a constructor according to the above specifications
- toString(), getters and setters has been implemented for you as a part of the code stub

class Implementation:

Implement the below method for this class using in Stream API:

- static int getAge(LocalDate birthDate):

calculate and return the age (Implemented for you, as a part of the code stub)

- List<Person> getPersonDetails(List<Person>

```
53 }
54 }
55
56 class Implementation{
57     public static int getAge(LocalDate birthDate){
58         return Period.between(birthDate, LocalDate.now()).getYears();
59     }
60     List<Person> getPersonDetails(List<Person> persons){
61         List<Person> list = new ArrayList<Person>();
62         for(int i=0; i<persons.size(); i++){
63             int age = Implementation.getAge(persons.get(i).getBirthDate());
64             if(age > 18){
65                 list.add(persons.get(i));
66             }
67         }
68         return list;
69     }
70     List<Person> sortList(List<Person> persons){
71         for(int i=0; i<persons.size(); i++){
72             for(int j=0; j<persons.size()-1; j++){
73                 LocalDate date1 = persons.get(j).getBirthDate();
```

Autocomplete reconnecting...

Test Results

Custom Input

RUN CODE

Sample_TC

✓

Test_EmptyList

✓

Test_sortList

✓

Passed

Description

Testcase passed!

3.36s

Eval Time

0s

CPU

1MB

Memory

DELL

Integer variable id
String variable name
LocalDate variable birthDate
Constructor according to the above specifications
Getters and setters has been implemented for
of the code stub
Implementation:
below method for this class using in Stream
getAge(LocalDate birthDate);
turn the age (Implemented for you, as a
stub)
getPersonDetails(List<Person>

```
70 List<Person> sortList(List<Person> persons){
71     for(int i=0; i<persons.size(); i++){
72         for(int j=0; j<persons.size()-1; j++){
73             LocalDate date1 = persons.get(j).getBirthDate();
74             LocalDate date2 = persons.get(j+1).getBirthDate();
75             if(date1.compareTo(date2) > 0){
76                 Person p = (Person)persons.get(j);
77                 persons.set(j, (Person)persons.get(j+1));
78                 persons.set(j+1, p);
79             }
80         }
81     }
82     return persons;
83 }
84 }
85
86 public class Source {
87     public static void main(String args[]) throws Exception {
88         /* Enter your code here. Read input from STDIN. Print output to STDOUT */
89     }
90 }
```

Autocomplete reconnecting...

Test Results Custom Input

Sample_TC
✓

Test_EmptyList
✓

Test_sortList

Passed

Description
Testcase passed!

3.36s
Eval Time

0s
CPU

1MB
Memory

RUN CODE

DELL

Task:

class Person:

define the Integer variable id

define the String variable name

define the LocalDate variable birthDate

define a constructor according to the above specifications

toString(), getters and setters has been implemented for

as a part of the code stub

Implementation:

Implement the below method for this class using in Stream

static int getAge(LocalDate birthDate);

Calculate and return the age (Implemented for you, as a

part of the code stub)

List<Person> getPersonDetails(List<Person>

)

```
33  
34 public void setName(String name) {  
35     this.name = name;  
36 }  
37  
38 public LocalDate getBirthDate() {  
39     return birthDate;  
40 }  
41  
42 public void setBirthDate(LocalDate birthDate) {  
43     this.birthDate = birthDate;  
44 }  
45  
46 @Override  
47 public String toString() {  
48     return "Person(" +  
49         "id=" + id +  
50         ", name=" + name + ", birthDate=" + birthDate +  
51         ")";  
52 }  
53
```

Autocomplete reconnecting...

RUN CODE

Test Results

Custom Input

Sample_TC

✓

Test_EmptyList

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Passed

Description

Testcase passed!

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1MB

Memory

Test sortList