Given:

```
var nums = List.of(1, 2, 3, 4, 5, 6, 7).stream();
Predicate<Integer> p = //a predicate goes here
Optional<Integer> value = nums.filter(p).reduce((a, b)->a+b);
value.ifPresent(System.out::println);
```

Choose 2:

- A. setting p to a->a<0; will produce no output.
- B. setting p to a->a<0; will generate a NullPointerException.
- C. setting p to a->a<0; will generate a NoSuchElementException.
- D. setting p to a->a%2==0; will produce 12.
- E. setting p to a->a%2==0; will produce 16.

Given the Person class with age and name along with getter and setter methods, and this code fragment:

What will be the result?

- A. Aman Tom Peter
- B. Tom Aman Peter
- C. Aman Peter Tom
- D. Tom Peter Aman

Given:

var numbers = List.of(0,1,2,3,4,5,6,7,8,9);

You want to calculate the average of numbers.

Which two codes will accomplish this? (Choose two.)

A. double avg = numbers.stream().parallel().averagingDouble(a \rightarrow a);

B. double avg = numbers.parallelStream().mapToInt (m -> m).average().getAsDouble();

C. double avg = numbers.stream().mapToInt (i -> i).average().parallel();

- D. double avg = numbers.stream().average().getAsDouble();
- **L**. double avg = numbers.stream().collect(Collectors.averagingDouble($n \rightarrow n$));

Assuming the Widget class has a getPrice method, this code does not compile:

Which two statements, independently, would allow this code to compile? (Choose two.)

- A. Replace line 5 with widgetStream.filter(a -> ((Widget)a).getPrice() > 20.00).
- B. Replace line 1 with List<Widget> widgetStream = widgets.stream();.
- ■. Replace line 5 with widgetStream.filter((Widget a) -> a.getPrice() > 20.00).
- D. Replace line 4 with Stream<Widget> widgetStream = widgets.stream();.

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