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# MPL

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Total Questions | Minimum Questions | Answered | Non-answered |
| CH7 | 45 | 5 | 5 | 40 |

# Your MPL question selection

## MPL Q1

Number: 20690

Question: [Declare](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) and [instantiate](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) an [array](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) [named](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) scores of **twenty-five** [elements](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) of [type](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) [int](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?).

Answer: int[]scores = new int[25];

Why: Because it was the first problem of the chapter

## MPL Q2

Number: 20691

Question: Write a [**statement**](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) that [declares](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) an [**array**](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) [named](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) streetAddress that contains exactly  **eighty**  [elements](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) of [type](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) [char](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) .

Answer: char[]streetAddress = new char[80];

Why: It was a fun problem to work through it

## MPL Q3

Number: 20691

Question: [Declare](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) an [**array**](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) [named](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) taxRates of   **five**  [elements](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) of [type](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) [double](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) and [**initialize**](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) the [elements](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) (starting with the first) to the [values](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) 0.10, 0.15, 0.21, 0.28, 0.31, respectively.

Answer: double taxRates[] = {0.10, 0.15, 0.21, 0.28, 0.31};

Why: It was challenging for me to to work through it and it was interesting.

## MPL Q4

Number: 20702

Question: [Assume](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) that an [array](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) [named](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) a containing exactly 5 [integers](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) has been [declared](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) and [initialized](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?).

Write a **single**[**statement**](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) that adds 10 to the [value](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) [stored](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) in the **first** [element](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) of the [array](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?).

Answer: a[0] +=10;

Why: It was a easy problem to do and understand.

## MPL Q5

Number: 20707

Question: An [array](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) of [int](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?)s [named](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) a has been [declared](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) with 12 [elements](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?). The [integer](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) [variable](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) k holds a [value](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) [between](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) 2 and 8. Assign 22 to the [element](https://pearson.turingscraft.com/codelab/jsp/core_dhtml.jsp?) **just before** a[k].

Answer: a[k-1] =22;

Why: It was interesting problem to think about and work through it.

Make more questions following the format