

Programming Assignment 1: Quiz

Quiz, 10 questions



Congratulations! You passed!

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point

1.
What value is returned by the following call to `pollutantmean()`? You should round your output to 3 digits.

```
1 pollutantmean("specdata", "sulfate", 1:10)
```



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point

2.
What value is returned by the following call to `pollutantmean()`? You should round your output to 3 digits.

```
1 pollutantmean("specdata", "nitrate", 70:72)
```



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point

3.
What value is returned by the following call to `pollutantmean()`? You should round your output to 3 digits.

```
1 pollutantmean("specdata", "sulfate", 34)
```

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point

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What value is returned by the following call to `pollutantmean()`? You should round your output to 3 digits.

```
1 pollutantmean("specdata", "nitrate")
```



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point

5.

What value is printed at end of the following code?

```
1 cc <- complete("specdata", c(6, 10, 20, 34, 100, 200, 310))
2 print(cc$nobs)
```



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point

6.

What value is printed at end of the following code?

```
1 cc <- complete("specdata", 54)
2 print(cc$nobs)
```



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7.

What value is printed at end of the following code?

```
1 set.seed(42)
2 cc <- complete("specdata", 332:1)
3 use <- sample(332, 10)
4 print(cc[use, "nobs"])
5
```

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8.
What value is printed at end of the following code?

```
1 cr <- corr("specdata")
2 cr <- sort(cr)
3 set.seed(868)
4 out <- round(cr[sample(length(cr), 5)], 4)
5 print(out)
```

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9.

What value is printed at end of the following code?

```
1 cr <- corr("specdata", 129)
2 cr <- sort(cr)
3 n <- length(cr)
4 set.seed(197)
5 out <- c(n, round(cr[sample(n, 5)], 4))
6 print(out)
```

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point

10.

What value is printed at end of the following code?

```
1 cr <- corr("specdata", 2000)
2 n <- length(cr)
3 cr <- corr("specdata", 1000)
4 cr <- sort(cr)
5 print(c(n, round(cr, 4)))
```



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