

Highlight the correct answer choice for each question

### Questions

1. What does `[x**2 for x in range(5)]` produce?
  - a. `[0, 1, 4, 9, 16]`
  - b. `[1, 4, 9, 16, 25]`
  - c. `[0, 1, 2, 3, 4]`
  - d. Error
2. What will `sum([1, 2, 3, 4, 5])` return?
  - a. 12
  - b. 15
  - c. 20
  - d. Error
3. How do you filter even numbers with comprehension?
  - a. `[x for x in range(11) if x % 2 == 0]`
  - b. `[x for x in range(10) if x % 2]`
  - c. `[even(range(10))]`
  - d. `[x*2 for x in range(5)]`
4. What does `[[1,2],[3,4]][1][0]` return?
  - a. 1
  - b. 2
  - c. 3
  - d. 4
5. Which function returns the largest value?
  - a. `largest()`
  - b. `max()`
  - c. `biggest()`
  - d. `top()`
6. What is the purpose of forking a repository?
  - a. Delete repository
  - b. Create your own copy
  - c. Merge branches
  - d. Download files
7. What does `sorted([3, 1, 4, 1, 5])` return?
  - a. `[3, 1, 4, 1, 5]`
  - b. `[1, 1, 3, 4, 5]`
  - c. `[5, 4, 3, 1, 1]`
  - d. Error
8. How do you get the minimum value?
  - a. `min(list)`
  - b. `list.min()`
  - c. `minimum(list)`
  - d. `lowest(list)`

9. What is a pull request for?
  - a. Downloading code
  - b. Proposing changes
  - c. Deleting branches
  - d. Creating issues
10. What will `len([[1,2],[3,4],[5,6]])` return?
  - a. 2
  - b. 3
  - c. 6
  - d. 9