

9. Which of the following is(are) correct method(s) to join two lists l1 and l2?
- A) l1+l2 B) l1.append(l2)
- C) append(l1,l2) D) l1.extend(l2)

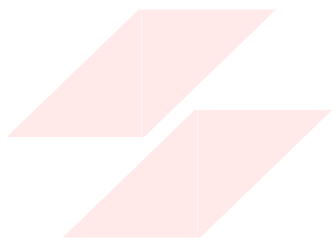
10. `s = "pyworld"`. Select all of the following which give same results?
- A) `s[0]+s[-1]` B) `s[: : -1][-1] + s[len(s)-1]`
C) `s[: : -6]` D) `s[: : -1][: : -6]`

Q11 to Q13 are subjective questions, answer them briefly

11. Differentiate between a compiler and an interpreter? Which of them is used in python language?
12. What is the purpose of PYTHONPATH environment variable?
13. How will you remove all the leading and trailing whitespaces in a string in python? Give one example.

Q14 and Q15 are programming questions. Answer them in Jupyter Notebook.

14. Write a python program to represent a user entered number in expanded form.
For eg: `user_input = 12345`
Output = $1*10000 + 2*1000 + 3*100 + 4*10 + 5*1$
15. Write a python program to determine whether the number entered by the user is an Armstrong number or not?



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