

#DAY

18

# Python

## Assignment Questions



**Q1. Explain Class and Object with respect to Object-Oriented Programming. Give a suitable example.**

**Q2. Name the four pillars of OOPs.**

**Q3. Explain why the `__init__()` function is used. Give a suitable example.**

**Q4. Why `self` is used in OOPs?**

**Q5. What is inheritance? Give an example for each type of inheritance.**

**Q6. What is Abstraction in OOps? Explain with an example.**

**Q7. Differentiate between Abstraction and Encapsulation. Explain with an example.**

**Q8. What is abc module in python? Why is it used?**

**Q9. How can we achieve data abstraction?**

**Q10. Can we create an instance of an abstract class? Explain your answer.**

**Note:** Create your assignment in Jupyter notebook and upload it to GitHub & share that GitHub repository link through your dashboard. Make sure the repository is public.

# DSA

BY PRIYA BHATIA MAM

200 DAY'S CHALLANGE



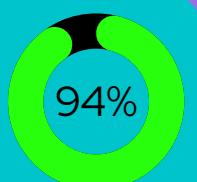
Priya Bhatia



ABHI KUMAR

DAY 0 OF MY DSA JOURNEY  
HERE I WILL SHARE MY ENTIRE  
JOURNEY OR STUDY MATERIAL  
LIKE NOTES, CODE, ASSIGNMENT  
QUESTIONS BASIC TO ADVANCE  
QUESTION.

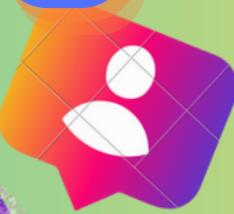
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I STARTING  
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