

20 Python Basic Questions

1. What is Python? List some key features.
2. How do you write a comment in Python?
3. Write a Python program to print 'Hello, World!'.
4. How do you take user input in Python?
5. What are variables in Python? How are they declared?
6. Explain the difference between list, tuple, and set.
7. Write a Python program to find the largest of three numbers.
8. How do you use if-else statements in Python?
9. Write a Python program to check if a number is even or odd.
10. What is a loop? Demonstrate the use of for and while loops.
11. Write a program to find the factorial of a number using a loop.
12. What is a function in Python? How do you define one?
13. Write a function to check if a number is prime.
14. How do you handle exceptions in Python?
15. What are Python dictionaries? Give an example.
16. How do you read from and write to a file in Python?
17. Explain the concept of list comprehension with an example.
18. What is the difference between 'is' and '==' in Python?
19. What are modules and how do you import them in Python?
20. Write a program to count the number of vowels in a string.