Python input()

1. What is the input() function in Python used for?

2. How can you accept an integer as input from the user using input()?

3. How do you accept a float input from the user?

4. How can you take multiple space-separated values as input?

5. How do you check if a number entered by the user is positive, negative, or zero?

6. How do you convert user input to a list of integers?

7. How do you accept a string input and print it in uppercase?

8. Write a Python program that accepts a string and prints the number of vowels in it.

9. Write a program that takes a number as input and checks if it is even or odd.

10. How would you check if a string is a palindrome using input()?

11. Write a program that takes a number as input and prints its square.

12. Write a program that asks for a number and prints whether it is divisible by 3.

13. How would you check if a number is divisible by both 3 and 7?

14. How do you accept a list of comma-separated values as input?

15. Write a Python program that takes two numbers as input and prints their product.

16. Write a program that checks if the input number is a prime number.

17. How can you accept a boolean value (True/False) from the user?

18. Write a program that accepts a string and prints the reverse of that string.

19. Write a program that asks for a user's name and age and prints a message.

20. Write a program to calculate the factorial of a number using input().

21. How do you prevent a user from entering an empty string?

22. Write a program to check if the entered number is a perfect square.

23. Write a program that asks for a year and determines if it's a leap year.

24. How can you remove leading and trailing spaces from a string input?

25. How do you handle incorrect inputs when you expect an integer using input()?

26. Write a program that accepts a string and counts the occurrence of a particular character.

27. How would you convert user input to lowercase using input()?

28. Write a program that accepts a number and prints whether it is a multiple of 10.

29. How would you check if a string entered by the user contains only alphabets using input()?

30. Write a program to count the number of words in a sentence entered by the user.

31. How would you accept a date input from the user in Python?

32. Write a program that checks if the entered number is divisible by both 3 and 5.

33. Write a program to swap the values of two variables using input().

34. Write a program to take user input and print it without spaces between words.

35. How do you validate if an entered input is a valid email address?

36. Write a program that accepts a number and prints its cube.

37. How would you accept and store multiple names from the user?

38. How would you extract numbers from a string entered by the user?

39. How do you find the maximum number from a list of integers entered by the user?

40. How would you prompt the user for input until they enter a valid number?

41. Write a program to check if the entered string has digits.

42. Write a program to check if the entered string has only whitespace characters.

43. Write a program to find the sum of all digits in a string entered by the user.

44. Write a program that accepts a number and prints its absolute value.

45. How would you check if a string entered by the user contains any uppercase letters?

46. Write a program that converts Celsius to Fahrenheit.

47. Write a program to find the average of a list of numbers entered by the user.

48. Write a program to count the number of consonants in a string entered by the user.

49. How do you check if a string entered by the user contains any punctuation?

50. Write a program that accepts a sentence and prints the longest word.