

PYTHON LOOP PRACTICE QUESTIONS

While Loop 10 Problems

1. WRITE A PROGRAM TO PRINT THE NUMBERS FROM 10 TO 15
2. WRITE A PROGRAM TO PRINT THE CUBES OF NUMBERS FROM 1 TO 10
3. WRITE A PROGRAM TO PRINT ALL ODD NUMBERS FROM 1 TO 10
4. WRITE A PROGRAM TO CALCULATE THE PRODUCT OF NUMBERS FROM 1 TO 10
5. WRITE A PROGRAM TO REVERSE EACH WORD IN THE SENTENCE "HELLO WORLD" USING A WHILE LOOP
6. WRITE A PROGRAM TO COUNT THE NUMBERS OF CONSONANTS IN THE WORD "LEARNING"
7. WRITE A PROGRAM TO PRINT THE FIRST 5 MULTIPLES OF 3
:EXPECTED OUTPUT=3,6,9,12,15
8. WRITE A PROGRAM TO CALCULATE 3 TO THE POWER OF 4 ,
INPUT:BASE=3, INPUT:EXPONENT=4
9. WRITE A PROGRAM TO CHECK IF A GIVEN NUMBER ,SUCH AS 16 IS A PERFECT SQUARE
10. WRITE A PROGRAM TO COUNT THE OCCURRENCES OF CHARACTER "S" IN THE STRING "SUCCESS"

For Loop 10 problems

1. WRITE A PROGRAM TO PRINT THE NUMBERS FROM 1 TO 5
2. WRITE A PROGRAM TO PRINT THE SQUARE OF NUMBERS FROM 1 TO 10
3. WRITE A PROGRAM TO PRINT ALL EVEN NUMBERS FROM 1 TO 100
4. WRITE A PROGRAM TO CALCULATE THE SUM OF NUMBERS FROM 1 TO 10
5. WRITE A PROGRAM TO PRINT THE WORD "PYTHON" IN REVERSE USING A FOR LOOP
6. WRITE A PROGRAM TO COUNT THE NUMBER OF VOWELS IN THE WORD "EDUCATION"
7. WRITE A PROGRAM TO PRINT THE FIRST 10 TERMS OF THE FIBONACCI SEQUENCE
8. WRITE A PROGRAM TO CALCULATES THE FACTORIAL OF A GIVEN NUMBERS SUCH AS 5
9. WRITE A PROGRAM TO CHECK IF A GIVEN NUMBER IS PRIME.SUCH AS 7 IS A PRIME NUMBER
10. WRITE A PROGRAM TO COUNT OCCURENCES OF EACH CHARACTER IN THE WORD "PROGRAMMING"

10 loop questions

1. Counting Positive Numbers

Problem: Given a list of numbers, count how many are positive.

numbers = [1, -2, 3, -4, 5, 6, -7, -8, 9, 10]

2. Sum of Even Numbers

Problem: Calculate the sum of even numbers up to a given number n.

3. Multiplication Table Printer

Problem: Print the multiplication table for a given number up to 10, but skip the fifth iteration.

4. Reverse a String

Problem: Reverse a string using a loop.

5. Find the First Non-Repeated Character

Problem: Given a string, find the first non-repeated character.

6. Factorial Calculator

Problem: Compute the factorial of a number using a while loop.

7. Validate Input

Problem: Keep asking the user for input until they enter a number between 1 and 10.

8. Prime Number Checker

Problem: Check if a number is prime.

9. List Uniqueness Checker

Problem: Check if all elements in a list are unique. If a duplicate is found, exit the loop and print the duplicate.

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items = ["apple", "banana", "orange", "apple", "mango"]
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