**Question 1**

Write a Python program to print "Hello World!".

**Question 2**

Write a Python program that takes user input and prints it.

**Question 3**

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

**Question 4**

Write a Python program to swap two numbers:

* Without using a third variable
* Using tuple unpacking
* Using a third variable

**Question 5**

Write a Python program to find the square of a given number using:

* Multiplication method
* Exponentiation method

**Question 6**

Write a Python program to check whether a number is even or odd.

**Question 7**

Write a Python program to check whether a number is positive, negative, or zero.

**Question 8**

Write a Python program to check if a person is eligible to vote (age ≥ 18).

**Question 9**

Write a Python program to find the largest number among three given numbers.

**Question 10**

Write a Python program to check whether a given year is a leap year or not.

**Question 11**

Write a Python program to print numbers from 1 to 10 using a loop.

**Question 12**

Write a Python program to find the sum of the first n natural numbers.

**Question 13**

Write a Python program to print the multiplication table of a given number.

**Question 14**

Write a Python program to find the factorial of a given number.

**Question 15**

Write a Python program to print all even numbers from 2 to 50 using:

* A loop with step size
* A loop with conditional checks

**Question 16**

Write a Python program to check whether a given string is a palindrome.

**Question 17**

Write a Python program to count the number of vowels in a given string.

**Question 18**

Write a Python program to reverse a given string.

**Question 19**

Write a Python program to check if a string is in uppercase, lowercase, or mixed case.

**Question 20**

Write a Python program to replace spaces in a string with underscores.

**Question 21**

Write a Python program to concatenate a list of strings into a single string.

**Question 22**

Write a Python program to find the maximum and minimum values in a list.

**Question 23**

Write a Python program to sort a list in ascending order.

**Question 24**

Write a Python program to remove duplicate elements from a list.

**Question 25**

Write a Python program to count the occurrences of a specific element in a list.

**Question 26**

Write a Python program to convert a tuple into a list.

**Question 27**

Write a Python program to find the length of a tuple.

**Question 28**

Write a Python program to add a key-value pair to a dictionary.

**Question 29**

Write a Python program to print all keys and values of a dictionary.

**Question 30**

Write a Python program to find the sum of all values in a dictionary.