

Course
&
Test Series

Self-Made Assignment - Python

While Loop in Python

CBSE

ICSE

NTSE

Banking & Insurance

Central Govt. Service

State Govt. Services

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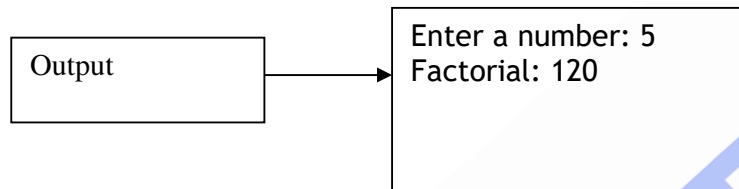
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Ques1- Write a Python program to calculate the factorial of a given number using a while loop.

The factorial of a number n is:
 $n! = n \times (n-1) \times (n-2) \times \dots \times 1$

Instructions:

1. Take a number input from the user.
2. Initialize a variable fact = 1.
3. Use a while loop to multiply numbers from n down to 1.
4. Print the result.



Ques 2-Write a program that asks the user to guess a secret number until they get it right.

Instructions:

1. Set a secret number (for example, 7).
2. Use a while loop to keep asking for input until the user guesses correctly.
3. Give hints if the guess is too high or too low.
4. Print a success message when correct.

