1. Write a `while` loop to print "Python Rocks!" 3 times.

2. What will happen in this code? Explain:

count = 1

while count <= 3:

   print("Count =", count)

3. Write a `while` loop to print numbers from 1 to 10.

4. Predict the output:

x = 0

while x < 5:

  x += 2

  print(x)

5. Can you modify a `while` loop so that it prints numbers from 10 down to 1?
6. Write a program to print all even numbers between 1 and 20 using a `while` loop.
7. What will this program print? Why?
   ```
   x = 0
   while x < 5:
      x += 1
      if x == 3:
         continue
      print(x)
   ```
8. Write a program using a while loop that finds the sum of digits of a number (e.g., 123 → 6).
9. Write a guessing game:
   Ask user to guess a secret number (1–10).
   Stop when guessed correctly.
   If guessed wrong, ask again.

10. Use a while loop to reverse a number (e.g., 1234 → 4321).
11. Check if a number is the same when reversed (e.g., 121 → Palindrome).
12. ATM Simulation:
    User has 3 attempts to enter PIN.
    If correct → "Access Granted"
    If wrong after 3 attempts → "Card Blocked"
13. Generate Fibonacci numbers up to n terms using a while loop.
14. Pattern Printing (Nested while):

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15. Write a `while` loop that runs exactly 5 times, but you cannot use numbers (`1,2,3,4,5`) in your code.