

🔪 A. FOR Loop Questions

1. Print numbers from 1 to 10 ➤ Use a `for` loop. Output:

```
1
2
...
10
```

2. Print even numbers from 2 to 20 ➤ Use a `for` loop with step size.

3. Print multiplication table of 7 ➤ Example output:

```
7 x 1 = 7
...
7 x 10 = 70
```

4. Print squares of numbers from 1 to 5 ➤ Output:

```
1^2 = 1
2^2 = 4
...
5^2 = 25
```

5. Print "Python is fun!" 4 times ➤ Use a simple loop.
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🔪 B. WHILE Loop Questions

6. Print numbers from 5 to 1 ➤ Use a `while` loop that counts down.
7. Ask the user for a number `n`, and print numbers from 1 to `n` ➤ Use `input()` and a `while` loop.
8. Print the sum of numbers from 1 to 10 ➤ Use a loop and a `total` variable.
9. Print only odd numbers from 1 to 15 ➤ Use a `while` loop.
10. Print all numbers between 1 and 50 that are divisible by 7 ➤ Use `if` condition inside loop.
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🔪 C. BREAK Statement Questions

11. Print numbers from 1 to 10, but stop when the number is 5 ➤ Expected output:

```
1
2
3
4
Loop stopped at 5
```

12. Ask the user to enter numbers repeatedly. Stop the loop when the user enters 0 ➤ Use `while True` and `break`.
13. Print numbers from 1 to 100 but stop the loop when the number is divisible by 13 ➤ First number divisible by 13 is 13 — stop there.
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↩ D. CONTINUE Statement Questions

14. Print numbers from 1 to 10 but skip 5 ➤ Expected output:

```
1
2
3
4
6
7
...
10
```

15. **Print all numbers from 1 to 20 that are not divisible by 4** ► Use `continue` to skip if divisible by 4.
16. **Ask the user for 5 numbers. If the number is negative, skip it. Print only positive numbers.** ► Use a `for` loop and `continue`.