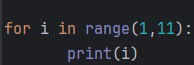
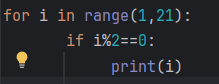
Day 3: Morning assessment

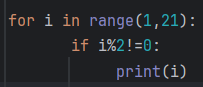
1. Print numbers from 1 to 10.

2. Print even numbers from 1 to 20.

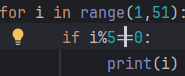
3. Print odd numbers from 1 to 20.

4. Print numbers from 10 to 1 in reverse.



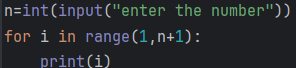
5. Print multiples of 5 up to 50.

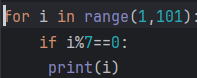
6. Print the square of numbers from 1 to 5.

7. Print numbers from 1 to n (n taken from user).

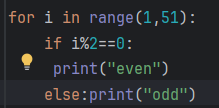
 

8. Print all numbers between 1 and 100 divisible by 7.



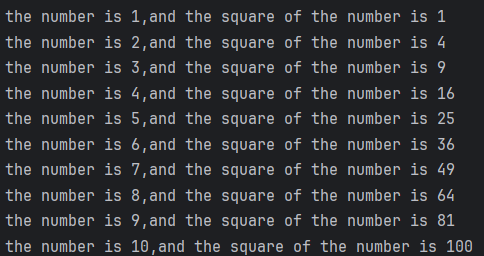
Output: 7 14 21 28 35 42 49 56 63 70 77 84 91 98

9. Print numbers from 1 to 50. If number is even, print "Even", else print "Odd".

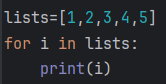
 

10. Print first 10 natural numbers. For each number, print its square.

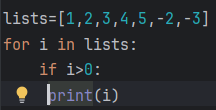




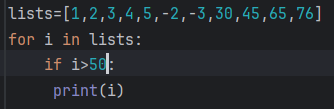
11. Print each element of a given list.

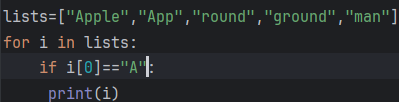
12. Find and print only positive numbers from a list.

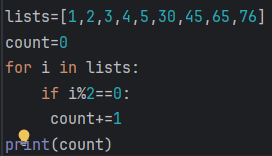
13. Print numbers greater than 50 from a list.

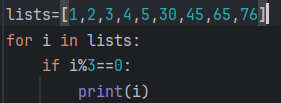
14. Print all strings starting with letter ‘A’ from a list.

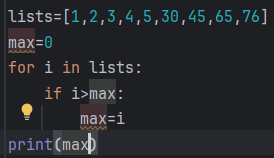
15. Count how many even numbers are in a list.

 output:4

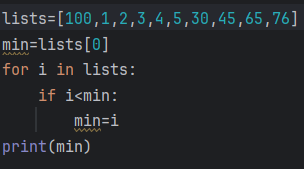
16. Print all numbers in a list which are divisible by 3.

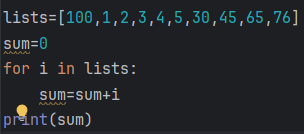
17. Find the maximum number in a given list using for loop.

 output:76

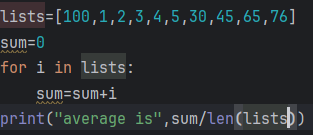
18. Find the minimum number in a list using for loop.

output:1

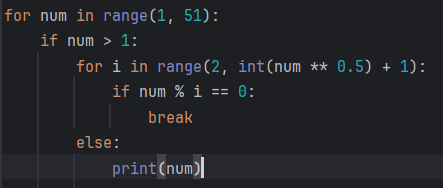
19. Find the sum of all numbers in a list using for loop.

output: 331

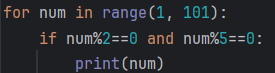
20. Find the average of all numbers in a list.

output: average is 33.1

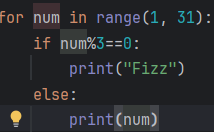
21. Print all prime numbers between 1 and 50.



22. Print all numbers between 1 and 100. If divisible by both 2 and 5, print the number.



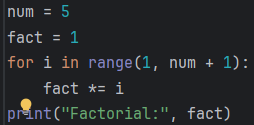
23. Print numbers between 1 and 30. If number is divisible by 3 print "Fizz", else print the number.



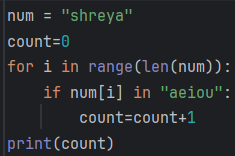
24. Print "Hello" 5 times using for loop.



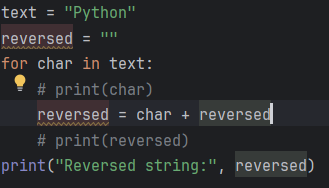
25. Find and print the factorial of a given number using for loop.

out put: Factorial: 120

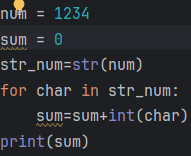
26. Count all vowels in a given string using for loop.



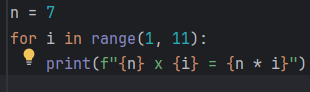
27. Reverse a given string using for loop.



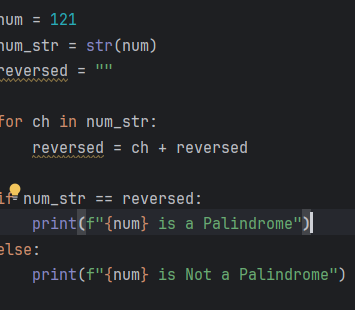
28. Find the sum of digits of a number using for loop.

output:10

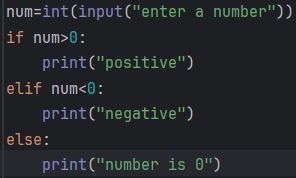
29. Print a multiplication table of a given number using for loop.



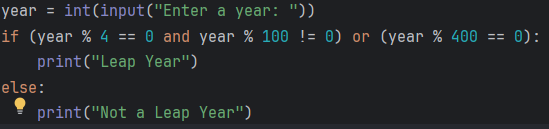
30. Check if a number is palindrome using for loop.



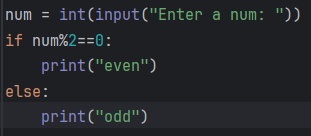
31. Take a number from user. Check if it is positive, negative, or zero.



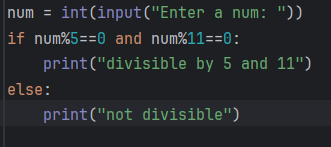
32. Take a year from user. Check if it is a leap year.



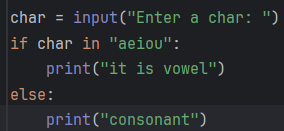
33. Take a number from user. Check if it is even or odd.



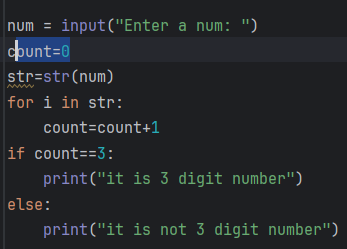
34. Take a number from user. Check if it is divisible by 5 and 11.



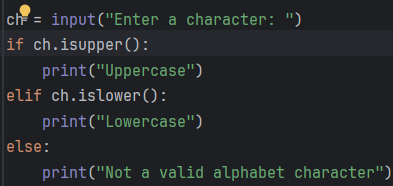
35. Take a character from user. Check if it is a vowel or consonant.

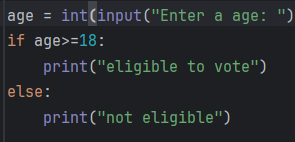
36. Take a number from user. Check if it is a three-digit number.

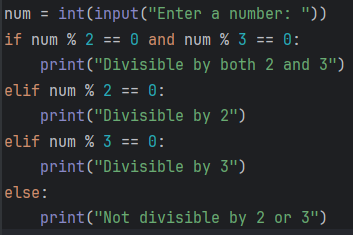
37. Take a character from user. Check if it is uppercase or lowercase.

38. Take age from user. Check if person is eligible to vote (age ≥ 18).

39. Take a number from user. Check if it is divisible by 2, 3, or both.

40. Take a number from user. Print whether it is even, odd, or zero.

