**IF STATEMENTS**

#WAP to square the integer number only if it is greater than 10

#WAP to print the string only if the length of that is in between 3 to 6

#WAP to print the reversed string only if it is starting with the upper case character

#WAP to print cube of a integer number only if it is a even number

#WAP to print the first value of list only if it is an even integer

#WAP to reverse the list collection only if the last value of it is a string

#WAP to print the ASCII value of the last character of string only if it is lower case

**IF ELSE STATEMENTS**

#WAP to check weather the entire value is mutable or not

#WAP to check whether the entire character is vowel or not **#check**

#WAP to check whether the number is even or odd

#WAP to check whether the entered character is upper case or not

#WAP to print the first character of the string only if the last character of it is an upper

#WAP to print the reversed string if the length is odd and print the character at even index if the length is even

#WAP to check weather the last value of the list is single value or collection

#WAP to check wheather the entered string is palindrome

#WAP to check wheather the entered character is speacial character or not

**ELIF STATEMENTS**

#WAP to check whether the entered character is upper case or lower case or digits or a special character

#WAP to check whether the first value of a list collection belongs to which collection datatype

#WAP to check whether the string is having middle character or not and print if it is present(middle character) **#CHECK**

#WAP to check whether integer number is single digit or double digit or triple digit or more than that

#WAP to print the upper case character if the entered input is lower-case, print lower case charter if the entered input is uppercase, if it is digits print cube of it, if it is a special character print the character by adding 5 to its ascii value

#Consider a string collection and print the revered string if the first character is a digit, if the first character is uppercase print the reversed asci value of that character if it is a special character print the conacatinated output of first and last character if not print the last character of a string

#WAP to print 'yeno sisya' if the number is divisible by 5 , print 'juice kuditiya' if the number is divisible by 4, print 'yeno sisya' 'juice kuditiya' if the number is divisible by both 5 and 4

#WAP to find the greatest of three unique integer number

#WAP to print the string as it is .............  if it is palindrome, print the characters present at even index if the length of string is odd, print the character present at odd index if the length is even

**NESTED IF**

#WAP to print the last value of list collection only if it is a string , having middlevalue , has an upper case

#WAP to find the greatest of 4 unique integers without using and operator

#WAP to find the lowest of 5 unique integers without using and operator

# consider marks of a student in six subjects , Find the percentage of the marks onlt if he or she has scored more than thirty five 35 in all the subjects print the results

#WAP to print the first character of a string only if it is even digit , having asci value odd and greater than > 50

**Assignment questions:**

#WAP to check if the integer is palindrome or not

#Consider a string input and check whether the ASCII value of first character is even or odd

#Consider a list input print the values at even index if the length is odd and print the values at odd index if length is even

#Consider two inputs and check whether it is pointing towards same memory location or not

#Consider a tuple of length two and check whether the tuple is homogenoous or not

#WAP to check whether the number is positive or negative

#WAP to check whether the given string is keyword or not

# Consider a character input and if it is a upper case print the 1st digit of it's ASCII number, if it is a lower case then print its last digit of ASCII, print the remainder when divided by 3 if it is a number, print the reversed string if it is a special character.

#WAP consider a string and if the last character's ASCII value is between 50-60,print the string as it is, if the ASCII value is in between 61-75 print the character when added 5 to its ASCII value. If it's between 76- 97 then print the concatenated output with first and last character of given string ('JAAAM' ASCII value of 'M' is 77 output 'JM'). If it is other than those then print the reversed string.

#WAP to check the given points are lying in which quadrant (2 number inputs). (1,2,3,4 quadrants).

EXTRA QUESTIONS:

#Leap year

#login page

#login using dict

#vowel or consonant nested if

#type of triangle

**While loop**

1. WAP to find the sum of n natural numbers.

2. WAP to print all the uppercase characters in a string collection.

3. WAP to print all the factors of an integer number.

4. WAP to print numbers divisible by 3 or 5 between the range 20 and 35.

5. WAP to reverse a string collection without using slicing or any methods.

6. WAP to extract all the lowercase characters from a string collection.

7. WAP to print the number of characters.

8. WAP to count the number of vowels present in the string collection.

9. WAP to reverse an integer number without slicing or typecasting. #CHECK

10. WAP to check if the string is a palindrome or not without slicing.

11. WAP to print all the consonants in a string collection.

12. WAP to extract all the characters at even indices and odd indices into two different output collections without slicing.

13. WAP to extract all the floating-point values in a list collection.

14. WAP to print the nth multiplication table.

15. WAP to extract all the palindrome strings present in a list collection.

16. WAP to check if a string is a palindrome or not without slicing

17. WAP to extract all the uppercase, lowercase, digits, and special characters into 4 different output collections from a string collection.

18. First input will be a string inside a list. If the string is a palindrome, separate it. If it's a non-palindrome, extract it separately. If the length of the non-palindrome string is greater than the palindrome string, print the first value. If the palindrome string length is greater than the non-palindrome, print the first value of the palindrome string.

19. Give two different strings as input, which have the same number of values. Compare each position's value of both strings and get an output as an integer representing the number of positions that are the same.

20. WAP to add all the divisors of a given number.

21. WAP to check whether the given number is a perfect number or not.

22. WAP to convert a binary number into a decimal and vice versa (the binary number will be in string format, consisting of ones and zeroes).

23 . #WAP to toggle a string collection

24. #WAP to check whether the integer number is amstrong number

#53 length is 3 so 1\*\***3+5**\*\***3+3**\*\*3 should be 153

25. #WAP to find sum of individual disgits of a integer number

26. #WAP to print nth fibonacci series

27. #WAP to count the number of occurences of a particular character in a string collection

28. #WAP to program replace space by '!'