

# FUNCTION PROGRAMS

1.waf to perform addition and subtraction if "a" is greater than "b" return sum else return difference

2.waf to check string is palindrome or not (take user input)

3.wap to return length of variable keywords arguments

4.wap to return length of the variable positional arguments

5.waf to search for character in a given string and return corresponding index

string="coding part is done"

6.wap to squareing of the element in the given list

l=[1,2,3,4,5]

7.wap to fetch last digit number

8.wap to read 3 numbers from the user,first two numbers should be added and the result of addition should be substracted by third number

9.wap to find square,cube,squareroot and cuberoot of a number

10.wap to check the given characters is alphabets or digit or special characters

11.wap to check given iterable is a sequence,if it is a sequeance reverse it,if not add one extra element to the iterable

12.write a function to print the below output

```
func("TRACXN",1)
```

#should print RCN

13.write a function to print the below output

```
func("TRACXN",0)
```

#should print TAX

14.A function take variable number of positional arguments

as input. how to check if the arguments are more than 5.

15.WAF to reverse any iterable without using reverse function

16.waf to return a dictionary with characters and ascii value pair

17.waf to reverse a iterable if you are passing string or list or tuple  
else print type of the data