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In [1]: #Example of for loop in strings
         a="elephant"
         for i in a:
             print(i)
         е
         ι
         е
         р
         h
         n
         t
 In [2]: #If we want elephant in same line horizantally?
         a="elephant"
         for i in a:
             print(i, end=' ')
         elephant
 In [3]: #for loop in list
a=["Ram", "Apple", "Ant"]
         for i in a:
            print(i)
         Ram
         Apple
         Ant
In [14]: #Print first 10 even number
         a=range(1,21)
         for i in a:
             if i%2==0:
                 print(i, end=' ')
         2 4 6 8 10 12 14 16 18 20
In [17]: #OR
         a=range(2,21,2)
         for i in a:
             print(i)
         2
         4
         6
         8
         10
         12
         14
         16
         18
         20
In [18]: #for with else
         a=[1,2,3,4]
         for i in a:
             print(i)
         else:
             print("No item left")
         1
         2
         3
         4
         No item left
         While loop
 In [1]: #example of while loop
         a=int(input("Please enter number: "))
         while a<10:
             print("a is", a)
             a=a+1
         Please enter number: 2
         a is 2
         a is 3
         a is 4
         a is 5
         a is 6
         a is 7
         a is 8
         a is 9
 To [1] #while loop with list
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TU [T]: #WHITE COOP MICH CISC
         l=[1,2,3,4]
         while 1:
              print(l.pop())
         4
         3
         2
         1
         Break statement
 In [4]: for i in range(10):
              print(i)
              if i==6:
                  break
         print("Thank you")
         1
         2
         3
         5
         6
         Thank you
         Continue Statement
In [11]: for i in range(10):
             if i==6:
                  continue
              print(i)
         0
         1
         2
         3
         4
         7
         8
         FLOW OF CONTROL (PRACTICE) Give example
          1. Difference bewteen if and elif construct and else?
In [13]: a=input("please enter fruit of your choice -Apple, Orange, Grape : ")
         if a=="Apple":
             print("You have selected", a)
         elif a=="Orange":
             print(f'you have selected {a}')
         else:
              print("You have selected %s"%(a))
         please enter fruit of your choice -Apple, Orange, Grape : Grape
         You have selected Grape
          1. Give one example of range function
In [14]: a=range(1,20,1) #a is starting from 1, ending in 20 with step 1
         print(a)
         range(1, 20)
In [15]:
         #lets use for loop here to see every number
         for i in a:
             print(i, end=" ")
         1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
In [12]:
 In [ ]:
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