```
a program to determine largest Command line input
import sys
aigu = sys. aigu
if len (argu) == 1:
   print ("pls send inputs")
   sys. exit()
inputs = argu[1]
Converted = []
all-number = True
all - String = True
for item in inputs:
  num = float (item)
      converted. append (num)
      all - strings = false
     except 'clasue Error:
         converted append (Hom)
        all - numbers = false
if not all-numbers and not all-strings
    print ("Inputs cannot be number and string")
     sys, exit ()
 if all -inumbers:
     largest = max (converted)
     print ("largest command line input is: , largest)
    largest = max (ionuerted)
    print ( 'Largest Command line input is:
```

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3 Write a program to determine command
     number or odd number.
      import sys
      if len (sys-aigu)::2:
        print ("pls send an integes "nput")
        sys-exit()
      input - ual - sys. argu[1]
          num = Int(input - val)
          if num % 2 == 0:
             print ("Even number")
            print ('odd number")
         except valueerror:
             print ("pls send on integes input")
3 Write a program to determine average
                                               of command line in
    import sys
    argu = sys-argu
    if lenth (argu)==1:
       print l"pls send number inpuds")
       sysicxit ()
```

a=[]

else:

for wal in argulti.):

a-append (Time)

elif ual = = 'False':

a append (false)

num = float (val)

if num.is-integer ():

if ual = : True :

a · append (int (num)) else: a append (num) except value Error: print ("pls send number inputs")-Write a program to sort command line inputs in ascending order and descending order Import sys print ("What is argu) - >", sys. aigu) a = [float (x) for x in argu] print ("What is list & ? . - >", a) asc = sorted (a) print ("list sorted in assending order = ->", asc) desc = sorted (a, reverse = Time) print l''List sorted in descending order --- > ", desc) except value Error: print l'pls don't send number and string inputs together"). (5) tind outs

print ('green' in Hyd' is green city') # Time

print ('day' in Sankar dayal saima') # Time

print ('Green' in 'Hdy' is green city') # Fasle 'F' f

print ('dis' in 'Hyd is green city') # Time

print ('dis' in 'Hyd is green city') # Time

print ('dis' in 'Hyd is green city') # Falu

print ('iniv' in 'Srinivas') # Fame

print ('iniv' not in 'srinivas') # True

(b) 0 1 2 3 4 5 6 7 R a m o R a o -8 -7 -6 -5 -4 -3 -2 -1

a = 'Rama Rao" print (a[:7:2]). # from index o to 6 (step 2): R'm. print (a[:7]) It from beginning to index6: Rama Ra Print (a [2:4]) # from index 2 to 3: m', à ~ mai print (a[a:]) It from index a to end: 'ma Rao' print (a [: 4]) # Index 0 to 3: 'Rama' print (a [::2]) # Every and char 'Rim. ''i'o' -> 'ea a' # from index -6+0-2: m. a. ', R', a'-s'ma-Rai print (a [-6:-1]) print (a (-6:1) = H from -6(m) -10 end: 'ma Rao' print (a[:-4:-1]) # Reverse from end to - 5: index - 1 to -4 ->'ō print (a[-3:-1]) # Index -3 +0-2: 'R', à' -> 'Ra' print (a (-3:1) # from -3 40 end: 'Rab' print (a[::]) # full string (Rama 'Rao' print (a[:]) # full string 'Rama Rao' print (a [::-1]) # full string reversed - J'oa a mar print (a(::-2]) # Every second char from end: 'a', a', i'm R's print (a[-2::-2]) 井a[-2:-9:-2] -) 'a me' print (a[2:8]) # Index 2+07: ma Rao' print (a (a:8:-17) # empty string :: " with work print (a [:-6:-1]) # from -1 to -6, reverse : 'a', a'-> 'oa' print(a [2:-3]) # Index 2 to -4 'm', a " -1 ma" print (a(1:6:27) # Index 1,3,5. 'a', 'o', R' - 1'aaR' print (a[:-5:-5]) # from -1 +0 -5, step-5: only a[-1]-> 0: print (a[2:-5]) # from index 2 to 2 : empty print (a(2:-5:21)# from index 2 to 2: impty

```
print (a[:0:-1]) from -1 to 1, 10 vers1 'a', o', R', ", a', m' ~ 'oar am'
1) Write a program to concatenate two strings separated by space
   but wap first two
    str 1 = input ("Enter first string: ")
    str 2 = input ( "Enter second string: "
    if len (stri) <2 or len (str2) <2:
       print ("Input should be a min of s-char string")
    else:
       new-str1 = str2[:2] + str1 [2:]
        new-str2 = str1[:2] + str2[2:]
       result = new-str1 + " " + new -str2
       print (" Ruult:", result
    8) Write a program to print first two and the last two
      character of the string
    print an empty string it string has less than four characters
     s=input ("Enter a string:")
       if leals) < 4:
           print (" "1
       else:
           result = S[:2] + S[-2:]
           print (result)
(9) Write a program to print characters of the string in forward
   and reverse directions without slive
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s = input ("Entes a string: ")
                               -dorward
    for i in range (een (s1):
         print (f"charactes at index fig: {s [i] }")
 # reverse
   for i in range (-1, -len (s) -1, -1):
       print (f"character at index sib: is (i) }")
10 Write a program to print characters at even and odd inderen
  without slice.
           Rama Rao
          -8-7-6-1-4-3-2-1
    S = input ("Enter any string: ")
    even =
    0dd = ""
   for i in range (len (s)):
       if 100 2 = = 0:
          even t = s[i]
        else:
            odd + = 5 (i7
   print (" string at even indexes : ", even )
   print ("string at odd indexer:", odd)
  bitrite a program to print characters at even
   let input be A 4 B 3 C 2 $ 5
              0 1 2 3 4 5 6 7
   s=input ("Enter any string with alternate
                                            Characters and digit:
   if len(s) % 2! = 0:
      print ("string should have alternate character and digit")
    else:
       result = ""
```

```
for i in range (0, len(s), 2).
      chai = sci]
      digit = s [i+1]
      if not digit · isdigit ():
         print ("string should have alternate character and digit")
          break
          result += char * int (digit);
       else:
           print ("Result:", result)
@ Write a program to merge two strings
                                                join a new string
     a = input ("Enter dirst string!")
      b = input ("Enter second string:") .
      i = 0
      While i < len (a) and i < len (b):
           Ct = \alpha[i] + b[i]
           C+ = a(i:]+b(ii)
         print ("Result: ", c)
                                              and and China
  Write a program to remove duplicate
                                          characters of the string
   without using set.
   s = input ("Enter any string:")
   Out = " "
   for ch in s:
       if ch not in out:
          out t = ch
    plint ("Result;", out)
```

```
or you ( ) direction
    print (len ('Hyd'))
                          # 3
    print (len ('Rama Rao')) 井
   Print ( lent ( '9247'))
                              8
                           # 4
   Print 1 120 (1+-$11)
  print (len(")1.
                          #34
  printflen (A2#')
                          # 0
  print (len(''))
                          # 3
  print 1 len (3456))
                         # 1
  print ('sec'. pen(1)
                         # Enor converts digits, convert to sin
                         # syntax errol : cannot be wed him
 (2) chicifanction
   print (chr (65))
                             A (upper cas A)
  print (chr (901)
                         #
                             7
  print (chr (122))
                             a (lower case a)
                         #
 print ( chr (48))
                             -2
                        #
 print (Chr (97))
                             O (digit rero)
                        #
 piint(chr(s71)
                        #
 print (chr (361)
                            $ (dollar sign)
                        #
 print ( (h) (321 )
                            (space)
 (e) old () Amortion
  print(ord ('A'))
                      #
                           65
  print (ord('z'))
                      #
                           90
 print (ord (o'))
                      #
                           97
 print ( ord ('z')
                      #
                           122
 print (ord ('0')
                     #
                          48
print (ord ('q')
                     1
                          57
print ( ord ( '$'))
                    #
                          26
print (ord ( · 1))
                     #
                          32
```

```
A 4 M 3 7 5 67
S= input ("Enter any string with alternate charcter and digit:")
 11 len(s)% 2 1 =0:
    print ("pls entes string with atternate char and digit")
 else:
    out = " "
    701 i'in range (0, len (s), 2):
      ch = s[i]
      num = 5[1+1]
      if not num. isdigit ():
         print ("pls enter string with alternate char and digit
       break
      out t= ch+ chr (ord (ch + int(num!)
     else:
       print ("Result: ", out)
```

Let input be AHM375D2