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My willy a party to the

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CO GARDIE . DO . DEM. MERY CO

AL . WILL CHURCH

1. import os

de f count-word- frequency Cinput-sile, output-siles:

(133 x 40 113 4 4 3 4 4 13 with open (input-file, 'v', en coding - 'ulf -81) text = sile. Lead c)

Krus de Just word-ust= rut.squit() word weg = { 3

for word in word-uist:

him the boom , from head 2, on word > word . cower c). strip(j. 1.?; +)

word - Neg [word] = word - Neg . get cword, 0)+1

with open Courput. File, 'w', encoding - 'ot f-8') as file:

for word, count isn sorted (word- treq. iknsc), may = lambda x: x (1), elverse: frue):

core rough , to letter putty 21/4 mand ?)

at 131, made a decided ent of product, a less

E court \$1 n 12 truch 3 File. wrike (+ " [word 3 : E court 3 \ n"

print ("word many went saved successfully")

e rept file Not Pound Error .

print ("Error: The input his down not exist.")

except exception as 1:

I tim (+" an error ocumed; EES.)

count_word- Arequercy ("souple. +xt", "word = count. for")

2. impost os

det hist-files-by-extension Ctoldu-parm, extension):

try:

in w + a. pary. I mis (folder - path):

print ("Error: Poldu aus notenist")

eurun

Lille E F By + in Os. list dix (tolde-form) it +. ends with Centers ion) 3

```
· E extension 3'extension'")
      print c + " Files with
      for his in hills ! !
         print (file)
  except Exception as 1:
      print ( + "Exror : E e 3")
  Wit-Hes-by-entension ("test, solder", ". #++")
3. import soufil
   det zip-folder (folder-path, zip-name):
        shufil.mane-ouchieres (2: p-name, '2: p', to loth-path)
        print (+" Palm ( & Astelly - protes 5', compressed soccess willy")
       encept exception ase E:
          Wint Ctackers; E82,1)
   det entract-zip(zip-poth, entract-to):
        SM Hil. Unpacy-achiem (21p-path, extract-to, 1 cip?)
        print CF"Zip hile 'Ezip-park 3 'entracted success actly")
      except Exception as e:
        print (f"Error; Eeg")
  Zip- folder ("fest. folder", "compressed-folder")
  entra er- Lipl" compressed - tolder. cip" "extracted - tolder")
4. import uguests
  det download-image (MI, xx -path):
        us porse = requests . get ( url , s weam = True )
       espona. lase, be_status co
        with open (save-path, 'wb') as sile:
          for chunuin asponse. ity-content (1024):
              file. write (chunn)
       print (f" I mage down loaded success they: Lean-polled")
    except requests. exception exeruests E
       print (+"error: Ees")
```

```
image - url = " https: 1/ example. com / sample. jpg?
   download inelye (image - ur 1, " down loaded - image . jeg")
5. injort u
   det entract-emails (file-pah):
    try:
     with open ( file-path, 'r', en cooling = "off-8") as file:
       (outert = file. lead ()
     emails= u. findall (1/[a-2A-20-9--%+-]+@[a-2 A-20-9.-]+1.[a-2A-Z]
                         { 2, 31, couldn't)
     print ("Extracted Emuil Addresses:")
       bet email in emails:
          Print (email)
   except File No + Found Error:
      print ("Error: File not fond")
   except Exception ase:
     print (f"Error : Ees")
    extract-ener's ("sample-test.txt")
6. import ugus is
   import os
   der download - h'us ( m. list, save - bloke ):
       if not os. path. exists (same-tolder):
           os. malledirs (same- folde)
       by i, url in enumerate (url-list)=
           Usponse - many is . get ( un 1, six can = True)
           response. Laise. By-status ()
           file-name = 05. pom. join ( some-tolder, + "tile - &i+15. 119")
           with open Clike-name, wo b! ) as file -
             for chura in usponse. ity- content (1024):
                 hile write (chunk)
          print (f'Down loaded: E file name 3")
         except request. exceptions. Request exeption as e-
           print (f "Error downloadin Eurl3: Ee3")
```

"vttps://example.com/image 2.jxg = 3/ urls = ["ht nos: 11 example . com/image lijng", download - files (orce, "downloaded - images")

with copie (the policy of an ending a top- of) as his -

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but there is supplied the water to selve