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## import zipfile

### Open the ZIP file for reading
## with zipfile.ZipFile('samplee.zip', 'r') as zip_file:
##     # List the contents of the ZIP file
##     file_list = zip_file.namelist()
##     print("Contents of the ZIP file:", file_list)


## Note: Don't forget to replace 'example.zip' and 'path_to_extract_to' with your actual file and
## path.
## import zipfile

## Create a new ZIP file
## with zipfile.ZipFile('samplee.zip', 'w') as zip_file:
##     # Add files to the ZIP file
##     file_to_add1 = 'file5.txt'
##     file_to_add2 = 'fh.txt'

##     zip_file.write(file_to_add1, arcname='file5.txt') # You can specify a different name inside the
##     ZIP file
##     zip_file.write(file_to_add2, arcname='fh.txt')
## with zipfile.ZipFile('samplee.zip', 'r') as zip_file:
##     # Add files to the ZIP file
##     file_to_add1 = 'file5.txt'
##     file_to_add2 = 'fh.txt'

##     zip_file.read(file_to_add1) # You can specify a different name inside the ZIP file
##     zip_file.read(file_to_add2)


## Note: Replace 'new_example.zip', 'file_to_add1.txt', and 'file_to_add2.txt' with your actual
## filenames.
## import zipfile

## Create a new ZIP file and add files to it
## with zipfile.ZipFile('samplee.zip', 'w') as zipf:
##     zipf.write("file5.txt")


## Add files to the ZIP file without extracting them
## You can specify a different name inside the ZIP file


## Note: Replace 'new_example.zip', 'file_to_add1.txt', and 'file_to_add2.txt' with your actual
## filenames.
## import zipfile

## Create a new ZIP file and add files to it
## with zipfile.ZipFile('sample.zip', 'w') as zipf:
##     zipf.write('hello', 'file5.txt') # Provide the complete path to 'file5.txt'

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# print("Success")
# import zipfile

## Create a new ZIP file and add files to it
# with zipfile.ZipFile('sample.zip', 'w') as zipf:
#     zipf.write('file5.txt', 'file5.txt') # Provide the complete path to 'file5.txt'

# print("Success")
# import zipfile

## Open the ZIP file for reading
# with zipfile.ZipFile('sample.zip', 'r') as zipf:
#     # Check if 'file5.txt' exists in the ZIP archive
#     if 'file5.txt' in zipf.namelist():
#         # Read the contents of 'file5.txt' from the ZIP archive
#         with zipf.open('file5.txt') as file_in_zip:
#             contents = file_in_zip.read().decode('utf-8')
#             print(contents)
#     else:
#         print("'file5.txt' does not exist in the ZIP archive.")

import zipfile

with zipfile.ZipFile('testt.zip', 'r') as zipf:
    with zipf.open('fh.txt') as file_in_zip:
        contents = file_in_zip.read().decode('utf-8')
        print(contents)

```

## examples

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# import zipfile

# with zipfile.ZipFile('testt.zip', 'w') as zipf:
#     zipf.write('file6.txt', 'file6.txt')

# import zipfile

# with zipfile.ZipFile('testt.zip', 'r') as zipf:
#     with zipf.open('file6.txt') as zip:
#         contents = zip.read().decode('utf-8')
#     print(contents)

import zipfile

# Specify the name of the file you want to extract
file_to_extract = 'file6.txt'
extraction_path = "C:/Users/legal/OneDrive/Desktop/python programs/samplee.zip"
with zipfile.ZipFile('testt.zip', 'r') as zipf:
    if file_to_extract in zipf.namelist():
        # Extract the specified file to the current working directory

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    zipf.extract(file_to_extract)
    print(f'{file_to_extract}' has been extracted.")
else:
    print(f'{file_to_extract}' does not exist in the ZIP archive.")
```