

1) How to join paths

```
In [2]: import os
os.getcwd()
```

```
Out[2]: 'C:\\Users\\BLUEBELL\\Desktop\\PYTHON'
```

```
In [3]: current_path=os.getcwd()
folder_name='output11'
new_dir=os.path.join(current_path,folder_name)
os.makedirs(new_dir)
```

2) How to make directory

- os.makedirs
 - this is a method to create a folder

```
In [5]: current_path=os.getcwd()
folder_name='outputs12'
new_dir=os.path.join(current_path,folder_name)
os.makedirs(new_dir)
```

3) Write the file

i)check the mode='w'

```
In [18]: file_name='write.txt'
path=os.path.join(new_dir,file_name)
with open(path,mode='w') as file:
    file.write('Hello SHRUTHI..!!,Iam here to assist you how to manage your daily b
```

ii)check the mode='r'

```
In [16]: file_name='write.txt'
path=os.path.join(new_dir,file_name)
with open(path,mode='r') as file:
    data=file.read()
print(data)
```

Hello SHRUTHI..!!,Iam here to assist you how to manage your daily basis.

iii)check the mode='a'

```
In [20]: file_name='write.txt'
path=os.path.join(new_dir,file_name)
with open(path,mode='a') as file:
    file.write("additionally, i'm writing here to the existing file")
```

mode='x'

```
In [21]: file_name='new.txt'
path=os.path.join(new_dir,file_name)
with open(path,mode='x') as file:
    file.write('hi this is shruthi....!')
```

mode='rb'

```
In [28]: file_name='write.txt'
path=os.path.join(new_dir,file_name)
with open(path,mode='rb') as file:
    data=file.read()
print(data)
```

b'Hello SHRUTHI..!!,Iam here to assist you how to manage your daily basis'

In []:

In []: