In [32]:

```python
### task-20, file handling
'''
File handling in simple it means handling of files such as opening the file, reading, writing,
and many other operations

open
read or write
append
close '''

fh = open('demo.txt','r')
content = fh.read()
print(content)
fh.close()
```

welcome to write file

In [15]:

```python
fh=open('demo.txt','w')
content=fh.write('welcome to write file')
fh.close()

#output: /'welcome to write file '/(replace of 'welcome to text file')
```

In [16]:
```python
fh=open('demo.txt','a')
content=fh.write('this is append')
fh.close()

#output :welcome to write filethis is append
```
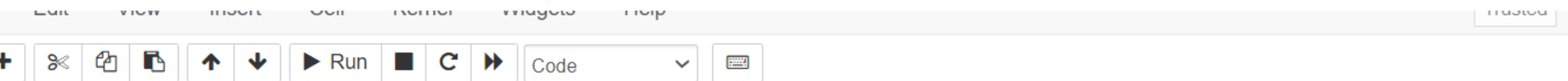
In [17]:
```python
fh = open('demo.txt','r')
content = fh.readline()
print(content)
fh.close()
```

```
welcome to write filethis is append
```

In [28]:
```python
fh = open('demo.txt','r')
content = fh.readline(10)
print(content)
fh.close()
```

```
welcome to
```

Code

In [25]:
```python
fh = open('demo.txt','r')
content = fh.readlines()
print(content)
fh.close()
```

['welcome to write filethis is append\n', 'some\n', 'went\n', 'where\n', 'well\n', 'food\n', 'ball\n', 'hello']

In [27]:
```python
fh = open('demo.txt','r')
content = fh.readlines(6)
print(content)
fh.close()
```

['welcome to write filethis is append\n']

In [33]:
```python
'''
tell() method can be used to get the position of File Handle.
tell() method returns current position of file object.
This method takes no parameters and returns an integer value.
'''


fh= open('demo.txt','r')
print(fh.tell())
fh.close()
```

0

Code

['welcome to write filethis is append\n']

In [33]:
```python
'''
tell() method can be used to get the position of File Handle.
tell() method returns current position of file object.
This method takes no parameters and returns an integer value.
'''


fh= open('demo.txt','r')
print(fh.tell())
fh.close()
```
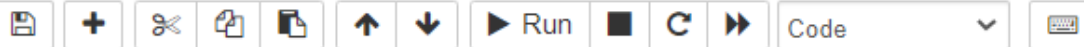
0

In [38]:
```python
fh = open('demo.txt','r')
print(fh.tell())
fh.read(6)
print(fh.tell())
fh.close()
```

0
6

In [37]:
```python
'''
```

In [37]:
```python
1  '''
2  # seek() function is used to change the position of the File Handle to a given specific position.
3  # File handle is like a cursor, which defines from where the data has to be read or written in the file.
4
5  # f.seek(0)
6  # Move file pointer to the beginning of a File
7  '''
8
9  fh = open('demo.txt','r')
10 fh.read(6)
11 print(fh.tell())  # 6
12 fh.seek(0)
13 print(fh.tell())  # 0
14 fh.close()
```

```
6
0
```

In [45]:
```python
1  file = open('demo.txt',mode='r+')    ## open
2  content = file.read()                # operation
3  v = str(content)
4  print(v)
5
6  f = v.split()
7  print(f)
8
9  f.insert(4,'orange')
10 print(file.tell())
11 file.close()
12
13 file = open('demo.txt',mode='w')
14 for i in f:
15     file.writelines([i])
16
```

```
welcometowritefileorangehellohaidearsosadofyouorangeorangeorangeorangeorange
['welcometowritefileorangehellohaidearsosadofyouorangeorangeorangeorangeorange']
76
```