11.

A screenshot of a computer

Description automatically generated

12.

A screenshot of a computer

Description automatically generated

When we try to access an index that is not present in the list:

We get an “**IndexError**” saying that **the index is out of range**

13.

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Description automatically generated

When we try to change an item in tuple we get “TypeError” stating that “tuple doesn’t support item assignment”

Since tuples are immutable we can’t change any item in tuple.

14.

A screenshot of a computer screen

Description automatically generated

Trying to access a key which does not exists we get “KeyError”

15.

A screenshot of a computer screen

Description automatically generated

When we try adding a duplicate element in the set nothing happens. Since set does not allow duplicates.

16.

A screenshot of a computer

Description automatically generated

When we use an index which is out of range in slicing nothing happens. It just stops at the last available index.

17.

A screenshot of a computer

Description automatically generated

Just replace max by min to return the minimum from the list.

18.

A screenshot of a computer

Description automatically generated

19.

A screenshot of a computer

Description automatically generated

Overriding the speak method of parent class in child class:

A screenshot of a computer

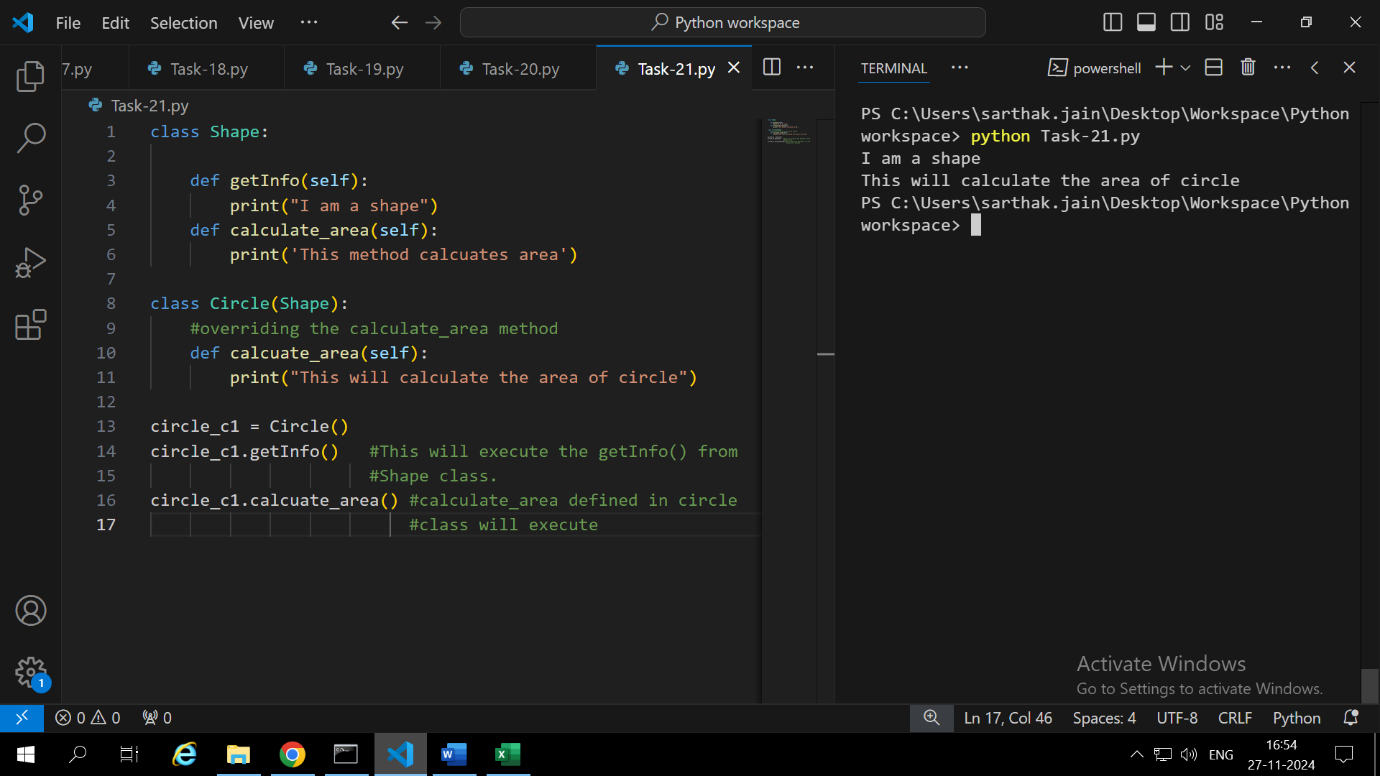
Description automatically generated

20.

A screenshot of a computer

Description automatically generated

21.



22.

A screenshot of a computer

Description automatically generated

For accessing the static method we don’t need to create an object(instance) of the class. Whereas for accessing the instance method we need to create an object.

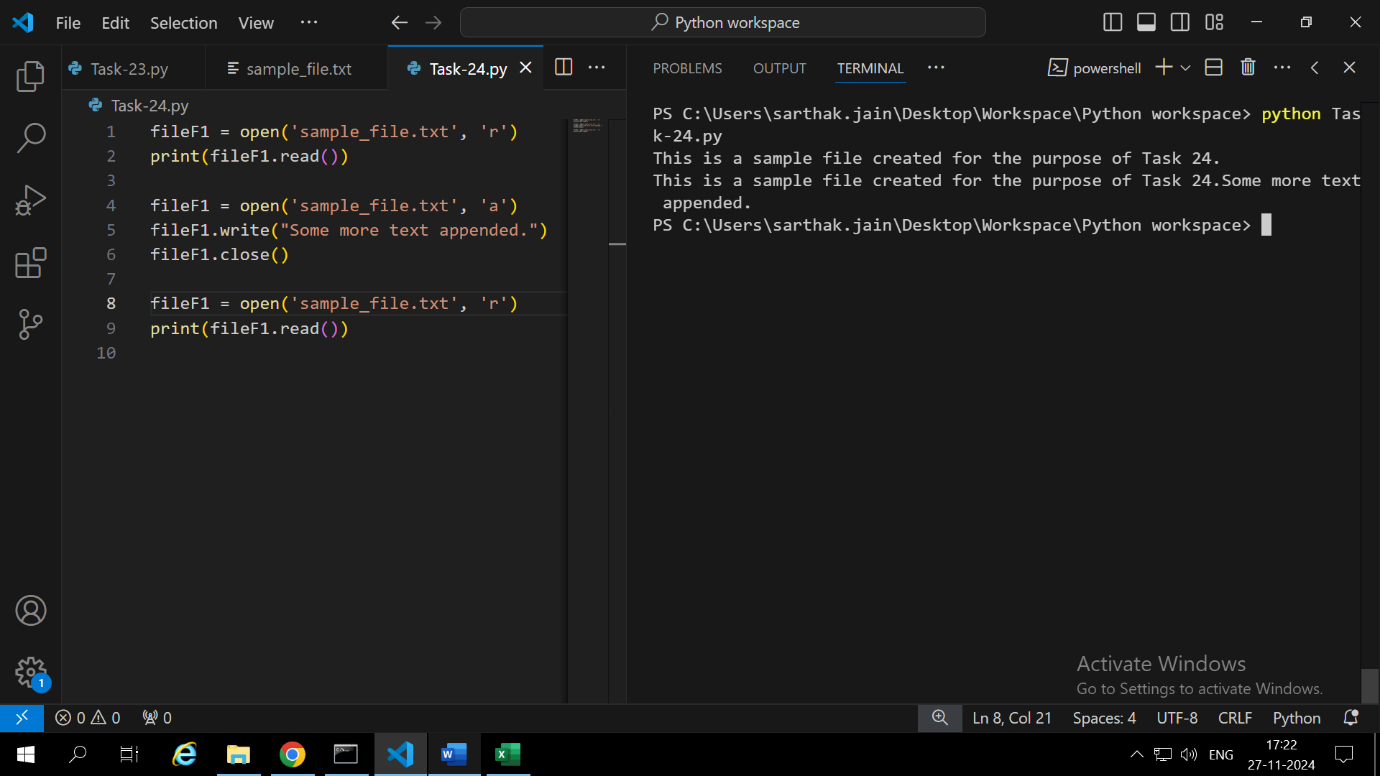
23.

A screenshot of a computer

Description automatically generated

String formatting allows us to insert dynamic values into string not decided during writing the code. We can also insert mathematical expression.

24.



A screenshot of a computer

Description automatically generated

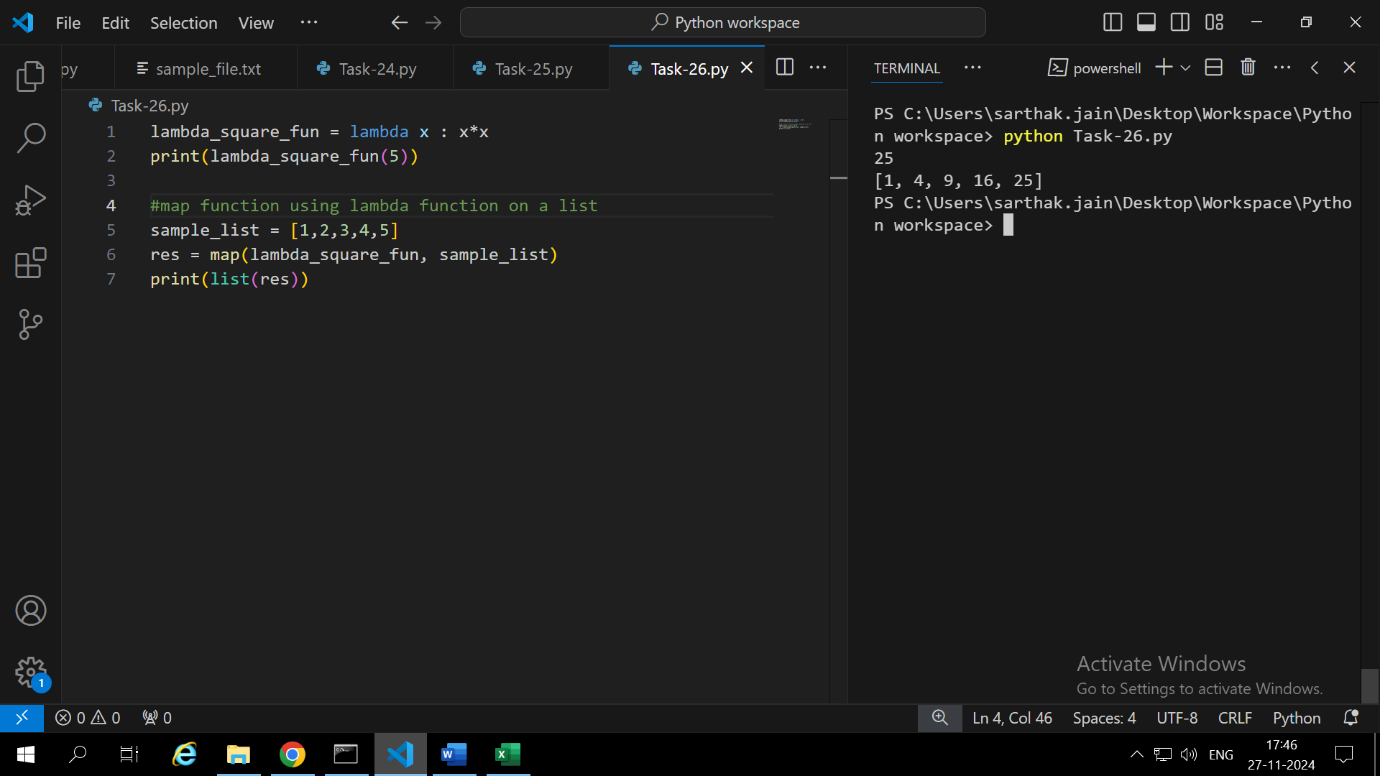
We get “FileNotFoundError” when we try to open a file which does not exists.

25.

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Description automatically generated

26.



Lambda function differs from the normal function which uses dif in terms of syntax. Lambda function is easy to create, has a concise syntax. Can be used to create anonymous functions.

27.

A screenshot of a computer

Description automatically generated

28.

A screenshot of a computer

Description automatically generated

29.

A screenshot of a computer

Description automatically generated

If we miss the base condition in the recursive function the recursion will never stop and will go on infinitely leading to error.

30.

A screenshot of a computer

Description automatically generated

Except blocks are executed in order. If more general error is written before the specific error then that general error except block will execute