

## afternoon session

date - may 28

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course - python

USN - 4AL18G1043

Topic - object oriented programming

Sem - IV sem

Report -

- \* It is the method of applying functions & operations.
- \* object here is ~~entire~~ entire window & buttons
- \* turning the application into OP style -  
Here, we have both front and back end.  
Before writing the programme we should think about object

ex -

class - data base

- \* creating bank account object -

```
def __init__(self, filepath):  
    with open(filepath, 'r') as file:  
        file  
        self.balance = int(file.read())
```

```
account = Account("balance.txt")  
print(account.balance)  
account.withdraw(100).  
print(account.balance)  
account.commit()
```

- \* class checking

```
def __init__(self, filepath):  
    account = init(self, filepath)
```

## ODP Glossary

class

object instance

instance variable

class variable

Doc strings

data member

constructor

methods

instantiation

Inheritance

Attributes

→ Uses the frontend.py script containing the GUI code by changing its functional-oriented design into an OOP design.

\* For your convenience, the files frontend.py, backend.py (in OOP style) & the book, db files are attached in this article's resources.