**Python assignment**

**23/04/2019**

1. **Add a give loan function to the MpesaAccount that gives a loan under following preferences;**

* 5 deposits

Number of deposits = lens(self.deposits)

* The loan amount must be less than the 3rd of the total deposits history.

Total deposits = sum(self.deposits)

T=0

For y in x :

V=y {“a”}

T+=v

Amount<total\_deposits/3

* The customer cannot have an existing loan.

Self.loan==0

If 1 and 2 and 3 are true, you qualify for a loan.

**2. Add a loan repayment function with the following**

* You can repay a loan multiple times.

Def pay(self,amount)

If amount>self.loan:

Diff=amount-self.loan

Self.loan=0

Self.deposit(diff)

Else

Self.loan - =amount

* Each repayment reduces your loan balance if you overpay the difference increases your deposits.

**Python notes**

**DATE TIME CALAENDAR**

**Src = strftime.org**

**%h%-m%p**

**Practice calendar and time setting.**

**Initiate python first**

**Import datetime**

**Import calendar**

**Assignment : 27/4/2019**

**Def statement(self):**

**On Saturday, 27 April, 2019 you deposited 1000.**

**On Saturday, 27 April, 2019 you withdrew 300**

**On Saturday,27 April, 2019 you took a loan of 500.**