June 2021.

20MCA131 Programming lab.

RegNo : ICE 20 MCA-20K4

Date : 02 July 2021

Time : 9·30 - 12·30

Batch B.

1. Write a Python Program to create a string from given string where first & last characters exchanged.

Program.

```
str1 = input("enter a string:")
Print("string after swapping first & last character
    is", (str1[-1:] + str1[1:-1] + str1[:1]))
```

Output.

Enter a String :- Python

String after swapping first & last character is
nythoP.

Q. Write a Python program to create a bank account with members account number, name, type of account & balance. Write Constructor & methods to deposit the bank & withdraw an amount from the bank.

Program:

```python
class bank():
    def __init__(self, acnt, name, types):
        self.ac = acnt
        self.nm = name
        self.typ = types
        self.bal = 0
    def pntdtls(self):
        Print("Account holder Name:", self.nm)
        Print("Account Number:", self.ac)
        Print("Account type:", self.type)
    def deposite(self, di):
        self.bal = self.bal + di
        self.bal = self.bal + di
        return(self.bal)
    def withdraw(self, wi):
        self.bal = self.bal - wi
        return(self.bal)

n = input("Enter Name")
t = input("Enter Type:")
```

```python
num = int(input("Enter Account Number:"))
obj = bank(num, n, t)
Print("Account Details")
Print("* * * * * * * *")
obj.Print dtls()
while [True]:
    Print("\n * * * * MENU * * * *")
    Print("\n 1. Deposit")
    Print("\n 2. Withdraw")
    choice = int(input("enter choice:"))
    if (choice == 1):
        d = int(input("Enter amount to deposit :"))
        Print("Balance Amount :", obj.deposit(d))
    elif (choice == 2):
        w = int(input("Enter amount to withdraw:"))
        PrintP(" Balance Amount:", obj.withdraw(w)
    else
        Print("Give a valid choice")
```

Output.
_____

Enter Name : Anakha

Enter type : self.

Enter Account Number: 1234

Account Details
* * * * * *

Account holder name : anakha

Account Number : 1234

Account type : self.

**** Menu ****

1. Deposit

2. Withdraw

enter choice : 1

enter amount to deposit : 1000

Balance Amount : 1000

**** Menu ****

1. Deposit

2. Withdraw