**Experiment 4.2**

**Aim:** Write a Python Program to perform pickeling and unpickeling operations on a binary file.

**Solution:**

Pickling and Unpickling:

import pickle

class Student:

def \_\_init\_\_(self,name,rollno,marks):

self.name=name

self.rollno=rollno

self.marks=marks

def display(self):

print(self.name,"\t",self.rollno,"\t",self.marks)

with open("student.dat",'wb') as f:

n=int(input("How many students:"))

print("==========================")

for i in range(n):

name=input("Enter name of student:")

rollno=int(input("Enter rollno of student:"))

marks=int(input("Enter marks of student:"))

print("-------------------------")

s=Student(name,rollno,marks)

#pickle operation

pickle.dump(s,f)

#Unpickle operation

f1=open('student.dat','rb')

print("Student Details:")

while True:

try:

obj = pickle.load(f1)

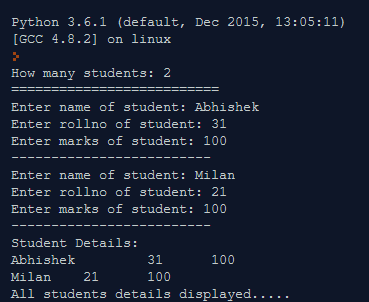
obj.display()

except EOFError:

print("All students details displayed.....")

break

f1.close()

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