PROJECT

AIM

Write a program to create a binary file with roll number,name and mark of the students and to search for a particular student using the name and display the record.

CODE

import pickle

def enter():

f=open("jack.dat",'wb')

a=int(input("enter the number of record you want to enter"))

for i in range (a):

b=int(input("enter the roll number"))

c=input("enter the name")

d=int(input("enter the mark"))

e=[b,c,d]

pickle.dump(e,f)

f.close()

def search():

while True:

n=input("enter the name to search")

f=open("jack.dat",'rb')

p=0

try:

while True:

k=pickle.load(f)

if k[1]==n:

print("The roll number of the student is ",k[0])

print("The name of the student is ",k[1])

print("The mark of the student is ",k[2])

p=p+1

except EOFError:

f.close()

if p==0:

print("no student with such name exist")

z=int(input("if you do not want to continue press 1"))

if z==1:

break

enter()

search()

OUTPUT

Python 3.7.3 (v3.7.3:ef4ec6ed12, Mar 25 2019, 21:26:53) [MSC v.1916 32 bit (Intel)] on win32

Type "help", "copyright", "credits" or "license()" for more information.

>>>

RESTART: C:/Users/LAB003/AppData/Local/Programs/Python/Python37-32/sranav8.py

enter the number of record you want to enter2

enter the roll number1

enter the nameantony

enter the mark100

enter the roll number2

enter the namenaveen

enter the mark100

enter the name to searchnaveen

The roll number of the student is 2

The name of the student is naveen

The mark of the student is 100

if you do not want to continue press 1