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**Section:F**

**Roll Number: 83**

**Stream: CSE (IOTCSBT)**

**Subject:Programming for Problem Solving with Python**

**Subject Code: IVC101**

**Department:**

**Under the supervision of**

**<Name of the Teachers>**

**Academic Year:2022-26**

**1.Introduction**

**This is a python project about student management system.It mentions about the student’s details .**

**CODE**

**def enter():**

**import csv**

**file=open("student.csv","w",newline='')**

**student=csv.writer(file)**

**student.writerow(["Studentid","Name","Roll","Batch"])**

**data=int(input("Enter the details of the student"))**

**for i in range(data):**

**studentid=int(input("Student id"))**

**Name=input("Name")**

**Rollnumber=int(input(("Roll number")))**

**Batchname=input("Batch:")**

**student.writerow(Studentid,Name,roll,Batch)**

**file.close()**

**def update():**

**import pandas as pd**

**df=pd.read\_csv("student.csv")**

**a=input("Enter the student id:")**

**if s== "CSE2201":**

**print("1. To update the name")**

**print("2.. To update the class roll number")**

**print("3 To update the batch name")**

**ch= int(input("Enter your choice:"))**

**if ch==1:**

**b=input("Enter the name")**

**df.loc[]1,[name]=b**

**elif ch==2:**

**x=input("Enter the roll number")**

**df.loc[1,roll number]=x**

**elif ch==3:**

**d=input("Enter the batch name")**

**df.loc[1,d]**

**else:**

**print ("Invalid choice")**

**def generate():**

**total marks = 0**

**total subjects = 0**

**marks=input()**

**subjects=input()**

**total marks=+marks**

**total subjects=+subjects**

**percentage=total marks/total subjects**

**def enter():**

**import csv**

**with open("course.csv","w") as file:**

**writer=csv.writer(file)**

**write.writerow(["Course Id","Course Name","Marksheet"])**

**noofdata=int(input("Enter the number of data:"))**

**for i in range(noofdata):**

**CourseID=input("Enter the course ID:")**

**CourseName=input("Enter the course name:")**

**marksobtained=input("Enter the Mark Obtained:")**

**writer.writerow(CourseID,CourseNamwe,Marksobtained)**

**def performance():**

**import csv**

**with open("innovators.csv","r") as file:**

**reader=csv.reader(file)**

**for row in reader:**

**print(row)**

**def show():**

**import pandas as pd**

**database1=pd.read\_csv("course.csv")**

**database2=pd.read\_csv("student.csv")**

**data1=database1.iloc[:,1:3].values**

**data2=database1.iloc[:,1:2].values**

**data3=database2.iloc[:,1:2].values**

**print(data1,data2,data3)**

**def show()**

**import csv**

**with open("batch.csv","w")as file**

**writer=csv.writer(file):**

**writer.writerow([" Batch ID","Batch Name","Department Name","List of courses",""List of students"])**

**Batchid = int(input("Batch ID:"))**

**Batchname = input("Batch Name:")**

**DepartmentName = input("Department Name:")**

**Listofcourses = input("List of courses:")**

**writer.writerow(Batchid,Batch Name,Department NameList of courses",""List of students)**

**def show():**

**import csv**

**with open("department.csv" ,"w",)as file:**

**writer=csv.writer(file)**

**write.writerow(["Department id","Department Name","Listofbatches" ])**

**Deptid= input("Department id:")**

**Deptname= input("Department Name:")**

**Listofbatches=input("List of batches:")**

**def display():**

**import csv**

**import pandas as pd**

**with open("Department.csv","r") as file:**

**file=pd.readcsv(Department.csvfile)**

**for row in reader:**

**print (row)**