**STUDENT INFORMATION SEARCH USING DICTIONARY**

**QUESTION:**

Write a program to store students information like admission number, roll number, name and marks in a dictionary. Display information on the basis of the admission number as obtained as user input.

**CODE:**

d={}

y=True

while y:

name=input('Enter student name: ')

d[int(input('Enter Admission Number: '))] = [int(input('Enter roll number: ')),name,int(input('Enter marks: '))]

y = input('Do you want to continue? (y/n) ')

y=True if y=='y' else False

print(f'Inputted dictionary: {d}')

y=True

while y:

tosearch=int(input('Enter admission number to search for: '))

if tosearch in d:

l=d[tosearch]

print(f'Student name: {l[1]}\nStudent Roll number: {l[0]}\nStudent Adm Number: {tosearch}\nMarks Obtained: {l[2]}')

y = input('Do you want to continue? (y/n) ')

y=True if y=='y' else False

else:

print('Admission number not in dictionary.')

**OUTPUT:**

Enter student name: Amrith

Enter roll number: 4

Enter marks: 70

Enter Admission Number: 52151

Do you want to continue? (y/n) n

Inputted dictionary: {52151: [4, 'Amrith', 70]}

Enter admission number to search for: 52151

Student name: Amrith

Student Roll number: 4

Student Adm Number: 52151

Marks Obtained: 70

Do you want to continue? (y/n) n