#

s\_details={}

def add\_students():

ID=input("Enter the student ID:")

Name=input("Enter the student Name:")

Grade=input("Enter the student Grade:")

Major=input("Enetr the student Major:")

s\_details[ID]={"Name":Name,"Grade":Grade,"Major":Major}

print("Student details added succcessfully....")

#

def display\_students():

if len(s\_details)!=0:

print(s\_details)

else:

print("Not Found")

#

def remove\_students():

n=input()

if n in s\_details:

del s\_details[n]

print("Students removed successfully....")

else:

print("Not found")

#

def update\_students():

n=input()

if n in s\_details:

Grade=input()

s\_details.update({"Grade":Grade})

print(s\_details)

else:

print("Not Found")

#

def search\_students():

n=input()

if n in s\_details:

print(s\_details[n])

else:

print("Not Found")

#

def terminate\_students():

print("Goodbye")

exit()

while True:

print("1.Add\n 2.Display\n 3.Remove\n 4.Update\n 5.Search\n 6.Exit")

option=int(input())

match option:

case 1:

add\_students()

case 2:

display\_students()

case 3:

remove\_students()

case 4:

update\_students()

case 5:

search\_students()

case 6:

terminate\_students()

case \_:

print("Enter the valid option:")