

Group: Shap

Question 01: Suppose you are student of DIU. You want to know about you tution fee (after waiver /before waiver), registration fee. Not write a python program for this problem.

Input	Output
Enter SSC result:A Enter HSC result:A Enter your Gender:male Enter taken Credit:20	Total Fee: 100000 Registration Fee: 20000.0 Waiver: 20 % Waiver amount: 16000.0 Payable Tution fee: 64000.0 Pay before Mid-exam: 32000.0 Pay before Final-exam: 32000.0
Enter SSC result:a+ Is SSC result Golden A+:yes Enter HSC result:a+ Is HSC result Golden A+(Yes/No):yes Enter your Gender:female Enter taken Credit:20	Total Fee: 100000 Registration Fee: 20000.0 Waiver: 85 % Waiver amount: 68000.0 Payable Tution fee: 12000.0 Pay before Mid-exam: 6000.0 Pay before Final-exam: 6000.0

Code:

```
ssc=input("Enter SSC result:").lower()
if ssc=="a+":
    sg=input("Is SSC result Golden A+:").lower()
hsc=input("Enter HSC result:").lower()
if hsc=="a+":
    hg=input("Is HSC result Golden A+(Yes/No):").lower()
gen=input("Enter your Gender:").lower()
credit=int(input("Enter taken Credit:"))
tofee=credit*5000
tufee=(tofee/100)*80
refee=tofee-tufee
if sg=="yes" and hg=="yes":
    waiver=75
elif sg=="yes" and hg=="no":
    waiver=50
elif sg=="no" and hg=="yes":
    waiver=50
elif sg=="no" and hg=="no":
    waiver=35
```

```

elif hsc=="a+":
    waiver=25
elif hsc=="a":
    waiver=20
elif hsc=="a-":
    waiver=15
elif hsc=="a-":
    waiver=10
else:
    waiver=0
if gen=="female":
    waiver=waiver+10
wa=(tufee/100)*waiver
ptf=tufee-wa
print()
print("Total Fee:",tufee)
print("Registration Fee:",refee)
print("Waiver:",waiver,"%")
print("Waiver amount:",wa)
print("Payable Tution fee:",ptf)
print("Pay before Mid-exam:",ptf/2)
print("Pay before Final-exam:",ptf/2)

```

Question 02: Suppose you are good student and your classmate propose you don't know what is his/her result .after knowing his/her result you say yes or no. In that program you need to use user id and password for safety purpose . Now write a python program .

Input	Output
Enter your user ID: salman Enter your password: 123 Access granted! Enter your exam mark: 33	I am sorry.
Enter your user ID: salman Enter your password: 123 Access granted! Enter your exam mark: 82	YES, I love you!

Code:

```
user_credentials = {"user": "password", "salman": "123"}

user_id = input("Enter your user ID: ")
password = input("Enter your password: ")

if user_id in user_credentials and password == user_credentials[user_id]:
    print("Access granted!")

    student_mark = float(input("Enter your exam mark: "))

    if student_mark >= 80:
        print("YES,\nI love you Too")
    else:
        print("I am sorry.")

    exit()
else:
    print("Access denied. Incorrect user ID or password.")
```