Project-01 work

Code:-

```python
if 80 <= marks <= 100:
    return "A+", 4
elif 75 <= marks <= 79:
    return "A", 3.75
elif 70 <= marks <= 74:
    return "A-", 3.5
elif 65 <= marks <= 69:
    return "B+", 3.25
elif 60 <= marks <= 64:
    return "B", 3.00
elif 55 <= marks <= 59:
    return "B-", 2.75
elif 50 <= marks <= 54:
    return "C+", 2.50
elif 45 <= marks <= 49:
    return "C", 2.25
elif 40 <= marks <= 44:
    return "D", 2.00
else:
    return "F", 0   # Assuming F for marks below 40
```

Project HW -02

Code:-

```python
# Input from the user
    age = int(input("Enter your age: "))
    member = input("Are you a member? (yes/no):")
    Date=input("Enter your date (lowercase):")

    # Calculate discount
    discount = 0
    # Display the result

discount = 0 #Initialize discount

# Check Age-based discount
if age < 18 or age > 65:
    discount += 20
    elif 18 >= age and age <=65:
    discount +=10

# Membership discount
 if member=="yes":
    discount += 10
    elif member == "no"
    discount +=0

# Weekend discount
if date in ['Saturday', 'Sunday']:
    discount += 5

    print("Today's discount:",discount) #output the result
```