ASSIGNMENT

1. Explain Green Computing with its advantages.

Ans: Green Computing is defined as the study of designing, manufacturing, using and disposing of computing devices in a way that reduces their environmental impact. This is the most innovative idea which helps to save our environment. Computing devices are way better than these laptops devices etc. which we use. It must be discarded properly so that it won't harm but as there is not much advertisement about the disposal of such things we throw in garbage places which leads harm to our environment. In order to reduce these, green computing is used. Green computing is cost effective as it uses less energy. It also causes a reduction in the quantity of heat produced from computing devices . It also used non toxic components which do not contribute to any E-waste. .

2. What is E-waste? What can be done to reduce the impact of E-waste.

Ans : E-waste is Electronic waste. It is any electrical equipment that is discarded. It includes working and broken items that are thrown in the garbage. To reduce the impact we must dispose of them properly.E waste contains a list of chemicals that are harmful to people and the environment. When electronics are mishandled during disposal these chemicals end up in our soul, water and air .The easiest way to solve this problem is to produce less e waste. Instead of buying new gadgets stick to what you have and take care of your electronics so they last longer . Instead of buying new electronics when they are broken ,repair them to reduce the wastage.The discarded batteries or devices must be disposed of in e-waste vans .They should be treated properly after disposing.

3. What are the benefits of going paperless?

Ans: Benefits of going paperless—

i)It will help to save trees which is a big advantage to save the environment from global warming.

ii)It will save space and time.

iii)It will help to share information in an easy way.

iv) It also helps save money as the need of purchasing books again and again is eliminated.

v)Data is more organised and data isn't lost easily.

4. What is Github? Give advantages of using Github.

Ans: Github is something where one can create repositories. Its helps a group of people work on projects together from anywhere in the world ..Its free and it is an open source.One can form groups and host it with unlimited public and private repositories. It helps to make easy access to one's projects.We can create multiple repositories for multiple tasks.

5. Write a program using PEP8 rules.

```
class bank:
    customer_name = str(input("Enter your Name:"))              # Input Of Username
    account_no = int(input("Enter you Account number: " ))       # Input Of Account Number
    balance = int(input("Enter you balance : "))                # Input Of Account Balance

    def deposit(self):
        deposit_amount = int(input("Enter the amount to be deposit :"))      # Amount to be deposited
        self.balance = self.balance + deposit_amount            # Calculation of final balance
        print("Current balance is:",self.balance)               # Final balance output

    def withdraw(self):
        withdraw_amount = int(input("Enter the amount to Withdraw :"))       # Amount to be withdrawn
        self.balance = self.balance - withdraw_amount           # Calculation of final balance
        print("Current balance is:",self.balance)               # Final balance output


c=bank()
a = int(input("Enter 1 if you want to Deposit and 2 if you want to Withdraw : "))      # Input to decide between withdraw and deposit
if(a==1):
    c.deposit()                                                 # Calls deposit function
elif(a==2):
    c.withdraw()                                                # Calls withdraw function
```

OUTPUT-

```
======= RESTART: C:\Users\Panth\Desktop\NL\OOP\PRACTICAL 2\bankaccount.py ======
Enter your Name:Panthiv Patel
Enter you Account number: 1293
Enter you balance : 10000
Enter 1 if you want to Deposit and 2 if you want to Withdraw : 2
Enter the amount to Withdraw :5000
Current balance is: 5000
>>> |
```

```
======= RESTART: C:\Users\Panth\Desktop\NL\OOP\PRACTICAL 2\bankaccount.py ======
Enter your Name:Panthiv Patel
Enter you Account number: 1022
Enter you balance : 10000
Enter 1 if you want to Deposit and 2 if you want to Withdraw : 1
Enter the amount to be deposit :120000
Current balance is: 130000
>>> |
```