Practical 5:

Using practical examples, describe green computing. List and explain the steps that you take to contribute to green computing

Green computing is the environmentally responsible and eco-friendly use of computers and their resources. In broader terms, it is also defined as the study of designing, engineering, manufacturing, using and disposing of computing devices in a way that reduces their environmental impact.

Put laptops in "sleep" mode when not in use ::-

This reduces their energy use by 60 to 70 percent – and ultimately could save enough electricity each year to power Vermont, New Hampshire, and Maine, cut electric bills by $2 billion, and reduce carbon dioxide emissions by the equivalent of 5 million cars.

3. Even better, turn OFF computers and other equipment when not in use ::-

Despite the debate over whether it's better for your computer to be left on or shut off, the fact is it's better for the environment to shut it off. In fact, computers were designed to be turned off and back on!

4. E-cycle used computer equipment::-

Find a recycler in your area. Also, Staples, the office supply retailer, has now started a recycling program. They will accept any brands of used desktop and notebook computers, monitors, printers, fax machines and all-in-one devices. Smaller items like keyboards, mice and speakers are free to drop off.

Practical 6

Types of renewable source of energy

- March 20, 2021

Let see in our word there are many renewable source of energy so some of them are :

Solar Energy which is quit knowing in our day to day life ,some countries have started to change their energy source from heat energy to solar .The first solar panel was made in 1950 but the solar cell we use was first came in 1954 by bell labs by 3 scientist named Daryl Chapin, Calvin Fuller, and Gerald Pearson, created a more practical solar cell using silicon. Which is quite cheap and long lasting ,but it also have some side effect to human life so it is still harm full for human brain's

Then what next so there is also term called atomic energy , for those don't know about atomic energy these type of energy is produced by colliding the atoms with each other and energy produced by colliding is used for electric city .

But there is a big risk to these type of energy is too sensitive and any mistake can harm and endanger surrounding life and nature so they are limited and costly

There are many source of energy which are not harm full but they depend on other things like wind water (treadmill energy) e.c.t. .

But in my opinion there is one idea which is safe till the human do not come near it, that is thunder or artificial thunder Which can be made by human

This theory of harvesting thunder storm or thunder was brought to light in 1980 by many genius to convert it into electricity but my idea is different it is not to develop electricity by borrowing it from thunderstorm or lighting but to create it .In short term to create lighting in a chamber and absorb its lighting by help of good conductor of electric city and store it or use it directly .This process happen with the help of steamed water vapors when colluded within them self with high force

Practical 7

Implementing coding practices in Python using PEP8

```python
name = "John Smith"
first_name, Last_name = name.split()
print(Last_name, first_name, sep=',')
```

PROBLEMS   TERMINAL   ⋯   1: Python   ∨   +   ▢   🗑   ⌃   ✕

```
    first_name, Last_name = name.split()
NameError: name 'name' is not defined
PS C:\Users\mehta> & python "c:/Users/mehta/OneDrive/Desktop/New Text Docum
ent (3).py"
Smith,John
PS C:\Users\mehta> []
```