

NITESH PRATAPSING VASAVE ROLL NO:-143

class:- FY.IT

ASSIGNMENT:-

Q.1] Explain Green computing with its advantages.

Ans:- Definition :- Green Computing refers to durable computing of the environment. This reduces the use of electricity as well as power and reduces environmental waste when we are using a computer. It Computing has the same goal with green chemistry, which is now the life of the product and makes the product more energy efficient, the abandoned product and factory waste are more easily recycled and to be biodegradable, less Dangerous Use Content.

Advantages:-

- 1) Lessened vitality utilization by green registering advances converts into low carbon dioxide emanations, which emerge because of the absence of petroleum derivatives utilized as a part of intensity plants and transportation.
- 2) Conservation of resources means less energy is required to produce, use and dispose of products.
- 3) Saving energy and resources saves money.
- 4) Green processing includes changing government arrangement to empower reusing by people and organizations and to lessen vitality utilization.

Q.2] what is e-waste? What can be done to reduce the empact of e-waste.

Ans:- 1) E-waste is electronic products that are unwanted, not working, and nearing or at the end of their “useful life.” Computers, televisions, VCRs, stereos, copiers, and fax machines are everyday electronic products.

- 2) Of the 3 R’s (Reduce, Reuse, Recycle) REDUCE is the most important. It’s so easy to purchase a sleek TV, the latest mobile phone, or a brand-new laptop. Most people don’t even stop to think if they really need them. You can repair your old laptop instead of buying a new one.

Q.3] What are the benefits of going paperless.

Ans:- Going paperless is good for the environment.

- 1) Going paperless adds months to your life.
Going paperless will help you reclaim some of that lost time; instead of paper documents that have a habit of disappearing at the worst moment, everything you need will be easily accessible with just a few keystrokes.
- 2) Ditching paper saves the environment even more than you think.
Paper comes from trees, so when you cut out paper documents you cut down fewer trees. That’s obvious.
- 3) Going paperless makes your business and your life more peaceful.

A big claim, we know. But just imagine how much more smoothly your days will go when you never again have to:

- Search for lost documents.
- Decipher your employees' chicken-scratch handwriting
- See a chaotic mess every time you enter your place of business.
- Deal with damaged documents.

Q.4] What is Github? Give advantages of using github?

Ans:- GitHub is one of the world's largest community of developers. It's an intricate platform that fosters collaboration and communication between developers. GitHub has a number of useful features that enable development teams to work together on the same project and easily create new versions of software without disrupting the current versions, but it doesn't stop there.

ADVANTAGES: -

- 1) It makes it easy to contribute to your open source projects.
- 2) Documentation:-By using GitHub, you make it easier to get excellent documentation. Their help section and guides have articles for nearly any topic related to git that you can think of.
- 3) Markdown:-Markdown allows you to use a simple text editor to write formatted documents. GitHub has revolutionized writing by channeling everything through Markdown: from the issue tracker, user comments, everything. With so many other programming languages to learn for setting up projects, it's really a big benefit to have your content inputted in a format without having to learn yet another system.
- 4) REPOSITORY:
This was already mentioned before, but it's important to note, GitHub is a repository. What this means that it allows your work to get out there in front of the public. Moreover, GitHub is one of the largest coding communities around right now, so it's wide exposure for your project.

Q.5] Write a program using Pep8 rules.

nit.py - C:/Users/Admin/Pictures/OOP PRACTICAL/assignment/nit.py (3.9.1)

File Edit Format Run Options Window Help

overloading comparing operator in python

```
class A:
    def __init__(self,a):
        self.a=a

    def __gt__(self, other):
        if(self.a > other.a):
            return True
        else:
            return False

ob1=A(2)
ob2=A(3)

if(ob1>ob2):
    print("ob1 is greater than ob2")
else:
    print("ob2 is greater than ob1")
```

IDLE Shell 3.9.1

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Python 3.9.1 (tags/v3.9.1:1e5d33e, Dec 7 2020, 17:08:21) [MSC v.1927 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information

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>>>

==== RESTART: C:/Users/Admin/Pictures/OOP PRACTICAL/assignment/nit.py

>>>

ob2 is greater than ob1

>>>