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Roll No: 20

FYCS

1. Explain Green Computing with its advantages.

Ans: 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. Green computing aims to attain economic viability and improve the way computing devices are used. Green IT practices include the development of environmentally sustainable production practices, energy-efficient computers and improved disposal and recycling procedures.

Advantages of Green Computing:

i) It helps reduce energy consumption
ii) It is cost effective due to less energy usage and cooling requirments.
iii) It helps perverse natural resources
iv) Inspires people to reduce, reuse and recycle

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

Ans : E-waste is Electronic waste. 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. To reduce the impact we must dispose them properly. They should be treated properly after disposing. We can reduce the impact of E waste by:

i) Consume Less in Order to Reduce Your E-Waste
ii) Use Your Old Mobile Phone as a GPS Device
iii) Store Your Data Online
iv) Buy Energy Star Rated Appliances

3. What are the benefits of going paperless.

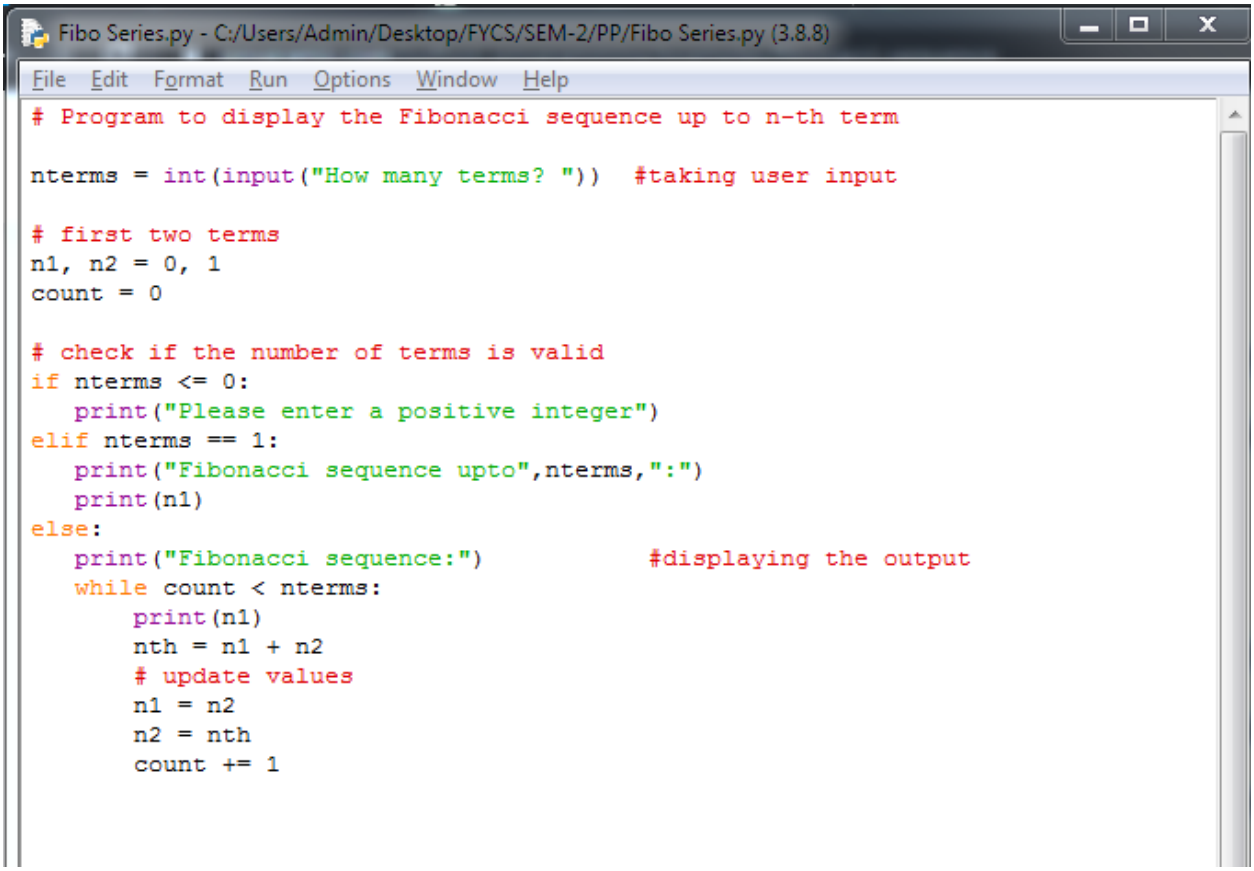
Ans: Benefits of going paperless:

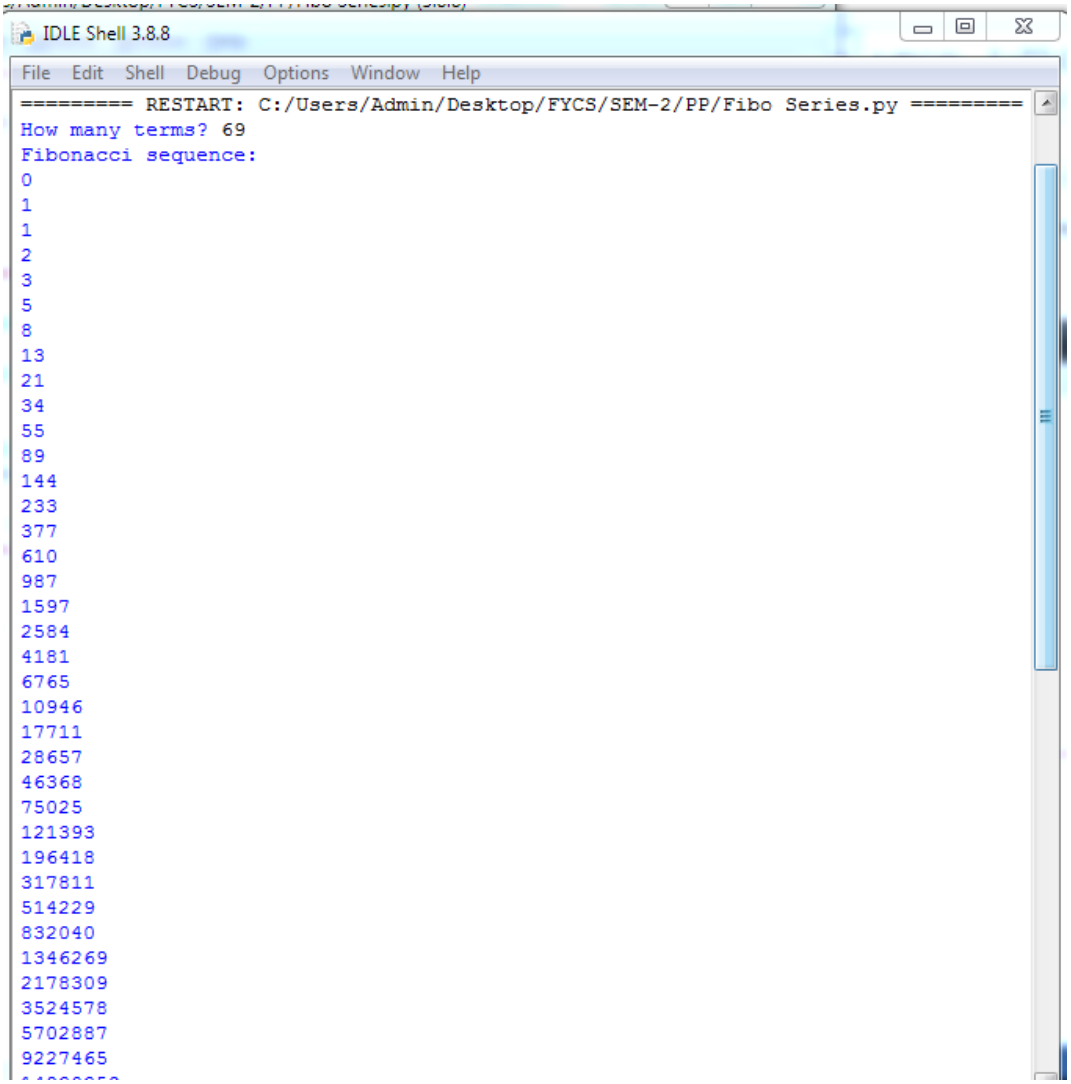
i) It is good for the environment and can impact global warming in a good way.
ii) It saves space and time.
iii) It will help to share information in an easy way.

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

Ans: GitHub is a free open source website and cloud-based service that helps developers store and manage their code, as well as track and control changes to their code. GitHub's interface is user-friendly enough so even novice coders can take advantage of Git. Without GitHub. The users can create repositories and manage their files and codes. It also makes sharing of files easy.

5. Write a program using PEP8 rules.




IDLE Shell 3.8.8
File Edit Shell Debug Options Window Help
========== RESTART: C:/Users/Admin/Desktop/FYCS/SEM-2/PP/Fibo Series.py ==========
How many terms? 69
Fibonacci sequence:
0
1
1
2
3
5
8
13
21
34
55
89
144
233
377
610
987
1597
2584
4181
6765
10946
17711
28657
46368
75025
121393
196418
317811
514229
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