Question 1:

What are the advantages to using object-oriented techniques?

There are several advantages to using object oriented techniques, which are reuse of code thru either inheritance, or by just flat out reusing it; and encapsulation of data and methods to interact with said data

Question 2:

Why is using cloud computing resources sometimes preferable to purchasing all the hardware you need for your own computer?

Cloud computing can be both a cost saving measure (you only pay for the time on the equipment, not for the equipment itself) or it can allow for faster changes to architecture as needed than a physical machine (as in needing more processing power, memory, storage etc.)

Question 3:

What are operating systems?

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