Task A

1. In the table below, look at the different threats to data you’ve covered over the past few weeks. Identify and justify a strategy to prevent this from happening.

Try and provide a different answer to help each one where possible. You may need to re-visit topics from the past to help you such as: operating systems and utility programs.

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| **Threat** | **Recommended prevention strategy** | **Justification of chosen strategy.** |
| Phishing |  |  |
| Shouldering |  |  |
| Trojan horse virus |  |  |
| Worm virus |  |  |
| Brute force attack |  |  |
| Packet sniffers |  |  |

1. Organisations could backup data in case of a cyber-attack.

Identify the most appropriate backup method that could be used in this situation.

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1. Physical security is just as important as digital security.

In the table below, describe each prevention method and explain how this keeps the data secure. The first one has been done for you.

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| **Prevention Method** | **Description** | **How does this keep help to keep data secure?** |
| Chains and locks | This can be used to fix a computer to a desk. | This stops users from taking the computer or other pieces of hardware. |
| Lock screens |  |  |
| People need to be authorised to enter. |  |  |
| Swipe cards |  |  |
| Fit blinds |  |  |
| CCTV |  |  |
| Burglar alarm |  |  |
| Security keypads |  |  |
| Biometrics |  |  |