Task A

Below is a Caesar Cipher algorithm with a shift of 3. The top row is referred to as plaintext whereas the bottom row is referred to as cipher text.

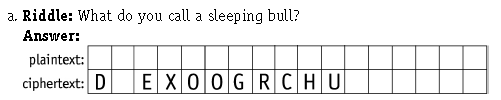


Encrypt this message with a shift of 3.



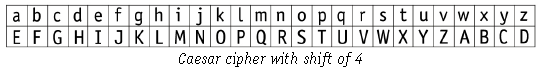
Task B

Decipher the following riddle.

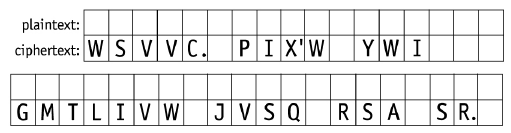


Task C

Below is a Caesar Cipher algorithm with a shift of 3. The top row is referred to as plaintext whereas the bottom row is referred to as cipher text.



Decrypt the following note



Task D

Encryption involves the process of asymmetric and symmetric encryption. Find an image on the internet that clearly illustrates the encryption process and screenshot in the box below.

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Task E

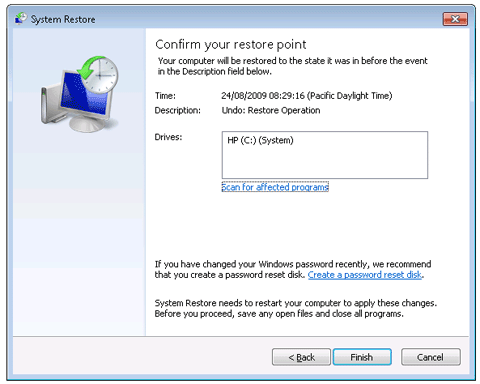
Descrbe the purpose of encryption.

Before you write your description, look at the answer builder tool underneath the help you.

|  |  |
| --- | --- |
| Description: | Example: |
| Answer builder:   |  |  |  | | --- | --- | --- | | ⚫ | ⚫⚫ | ⚫⚫⚫ | | What does encryption do to data? | Why is data encrypted? | How is data decrypted? | | |

Task D

Windows provides an in-built feature called a system restore.



What is the purpose of a system restore?

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Identify some of the issues of using a system restore to retrieve lost data.

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Task E

Describe the purpose of backing up data

Before you write your description, look at the answer builder tool underneath the help you.

|  |  |
| --- | --- |
| Description: | Example: |
| Answer builder:   |  |  |  | | --- | --- | --- | | ⚫ | ⚫⚫ | ⚫⚫⚫ | | What does backing up data mean? | Why is data backed up? | Provide some examples of backup methods | | |