**Exercise 1. Compare the encryption and tokenization processes by filling in the table:**

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|  | **Encryption** | **Tokenization** |
| What does this process transform the given data into? | It transforms the given data into a non-readable form called ciphertext. | It transforms the given data into a random string of characters called a token. |
| What is required to return the information to its original form? | An algorithm and an encryption key are required to return the information to its original plain text format. | User should to submit the token to the vault to retrieve the real data – some data – for use in the authorization process. |
| Where can this security measure be used? | Security measure uses in applications for providing a security of important information in the Internet when data is stored in unreliable sources. | Security measure uses in applications for providing a security of important information in the Internet when data is sensitive (for example card numbers, passport data or human medical data). |
| What is the advantage of this method? | Servers for data storing can be unreliable because data stores in cipher text form. | Hackers cannot access to reliable servers and don’t know the tokens for getting confidential information. |

**Exercise 2. Think of a title for each paragraph of the text and write down your ideas below:**

1. \_\_Security measures\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_Encryption\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_Tokenization\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. ­­­­­­­­­­­­­­­\_\_A token using\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. \_\_Protecting keys from unauthorized access \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. \_\_Keeping track of the application events\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_