

COMM046 - Coursework 1 - Task 2: Answers to Image Analysis Task

After entering your answers below and clicking the Submit button, you will be asked whether you would like to print or save a PDF of your answers. Remember to save the PDF and include the generated PDF in your Sol_2 folder.

1. Embedding method used: Is there a plaintext embedded in the pictures and if so, what method was used?
(2.5 點)

	Nothing embedded	LSB sequential path embedding	LSB random path embedding	Naive Stego embedding
Picture_1	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Picture_2	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Picture_3	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Picture_4	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Picture_5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Picture_6	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2. Is the embedded plaintext encrypted? If so what block cipher mode was used? (No embedding = no encryption)
(2.5 點)

	No encryption	AES-CBC	AES-ECB
Picture_1	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Picture_2	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Picture_3	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Picture_4	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Picture_5	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Picture_6	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

3. Which of the following words are embedded in **Picture_1**
(2.5 點)

- ☐ None of these words are embedded in this picture.
- ☐ argue
- ☐ award
- ☒ bring
- ☐ carry
- ☒ court

☒ court☐ crazy☐ earth☐ enjoy☐ float☐ fruit☒ grain☐ grass☐ house☐ loose☐ sauce☐ smart☐ story☐ theme☐ trust☐ urban

4. Which of the following words are embedded in **Picture_2**
(2.5 點)

☐ None of these words are embedded in this picture.

☐ argue

☐ award

☐ bring

☐ carry

☐ court

☒ crazy

☐ earth

☒ enjoy

☐ float

☐ fruit

☐ grain

☐ grass

☐ house

☐ loose

☐ sauce

☐ smart

☐ story

☐ theme

☐ trust☒ urban

5. Which of the following words are embedded in **Picture_3**
(2.5 點)

☐ None of these words are embedded in this picture.☐ argue☒ award☐ bring☐ carry☒ court☐ crazy☐ earth☐ enjoy☐ float☐ fruit☐ grain☐ grass☐ house

☐ loose☒ sauce☐ smart☐ story☐ theme☐ trust☐ urban

6. Which of the following words are embedded in **Picture_4**
(2.5 點)

☐ None of these words are embedded in this picture.☐ argue☐ award☐ bring☒ carry☐ court☐ crazy☒ earth☐ enjoy

☐ float☒ fruit☐ grain☐ grass☐ house☐ loose☐ sauce☐ smart☐ story☐ theme☐ trust☐ urban

7. Which of the following words are embedded in **Picture_5**
(2.5 點)

☐ None of these words are embedded in this picture.☒ argue☐ award☒ bring

☐ carry☐ court☐ crazy☐ earth☐ enjoy☐ float☐ fruit☐ grain☐ grass☐ house☐ loose☐ sauce☐ smart☐ story☐ theme☐ trust☒ urban

8. Which of the following words are embedded in **Picture_6**
(2.5 點)

☒ None of these words are embedded in this picture.

☐ argue

☐ award

☐ bring

☐ carry

☐ court

☐ crazy

☐ earth

☐ enjoy

☐ float

☐ fruit

☐ grain

☐ grass

☐ house

☐ loose

☐ sauce

☐ .

☐ smart☐ story☐ theme☐ trust☐ urban

此內容由表單擁有者所建立。您提交的資料將傳送給表單擁有者。Microsoft 對於其客戶 (包括表單擁有者) 的隱私權和安全性作法不負任何責任。切勿公開您的密碼。

由 Microsoft Forms 提供 | [隱私權與 Cookie](#) | [使用規定](#)