

SW 4 : Interface Organization

Exercise 1

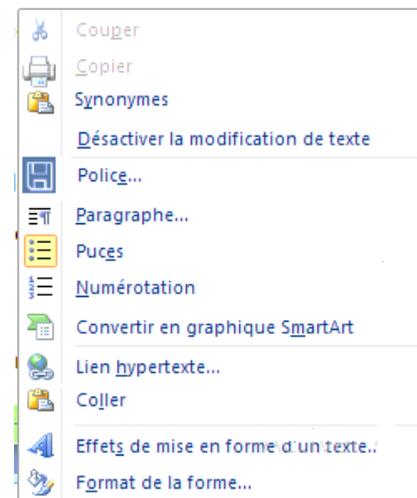
1. What is the difference between keyboard shortcuts and access keys?
2. The menu above belongs to the application "GIF Construction Set". What is strange about this menu?
3. When using a Windows interface, should one think of new keyboard shortcuts for editing operations? Similarly, when developing a new interface for Windows.



Exercise 2

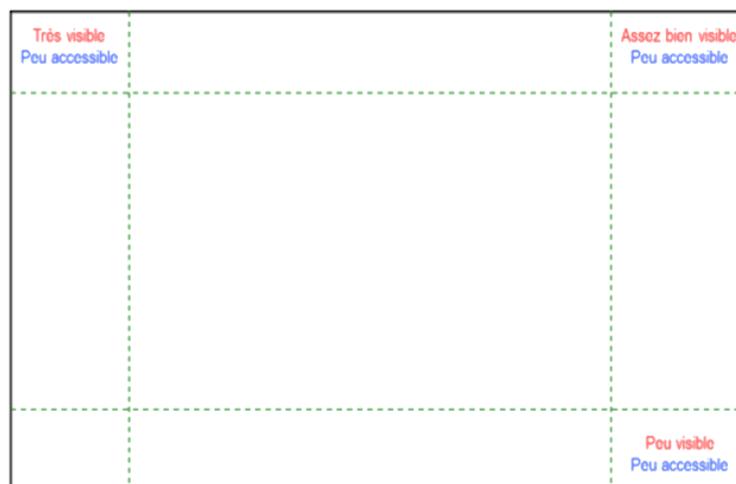
What does this figure represent?

1. In your opinion, what points seem erroneous in this interface? (Justify your answer)
2. Propose another interface that complies with style guides.



Exercise 3

1. What does the following figure represent?
2. Complete it.



3. Why must interface elements be well arranged?

4. What does accessibility depend on for mobile devices with touch interfaces (smartphones, tablets)?

Exercise 4

On the following figure, number all the points that seem erroneous and ergonomically and justify them

The form contains the following elements:

- Titre: Madame Monsieur
- Nom:
- Prénom:
- date:
- Adresse:
- Ville:
- Pays:
- Email:
- Téléphone:
- Fax:
- Remarques:
- Age:
- Niveau:
- Buttons: Mettre a zero, OK, Annuler, Enregistrer

Exercise 5

1. What are style guides ? What are their advantages and limitations?

Exercise 6

What does WIMP mean in HCI?

Exercise 7

IS IT EASIER TO READ THIS SENTENCE?

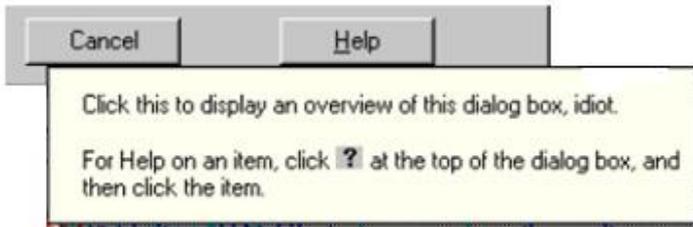
or is it easier to read this one?

Perhaps it is easier to decipher this sentence here?

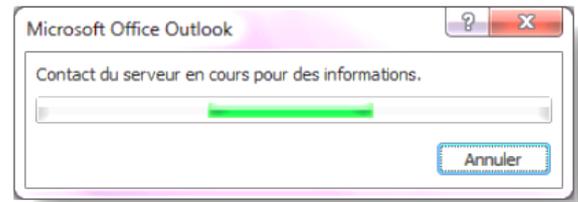
Justify your answer.

Exercise 8

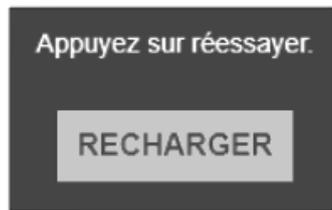
What (heuristic) ergonomic rules are not respected in the following figures?



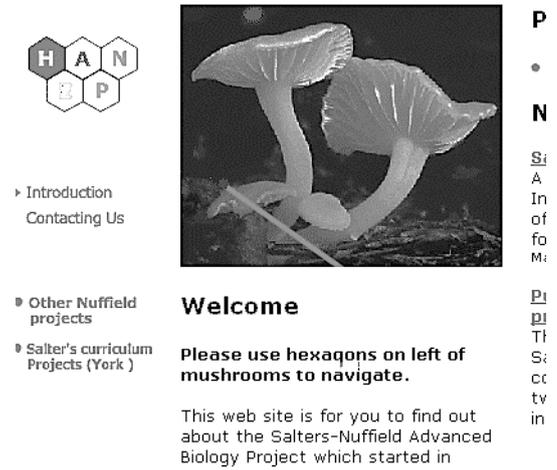
A



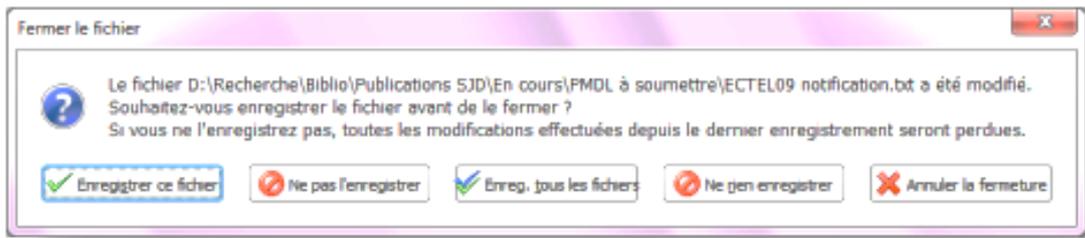
B



C



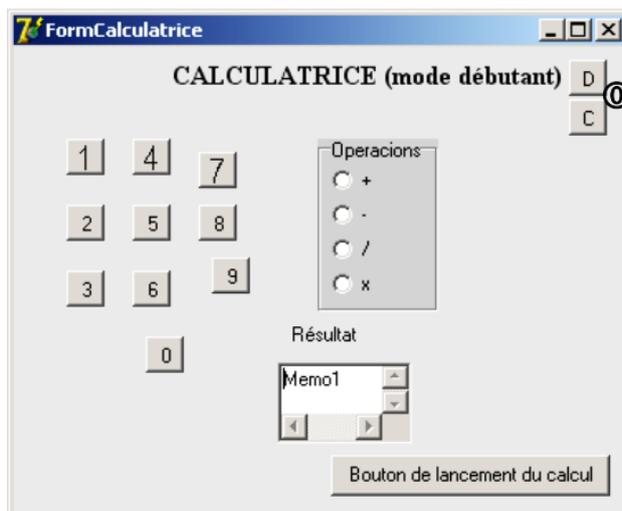
D



E

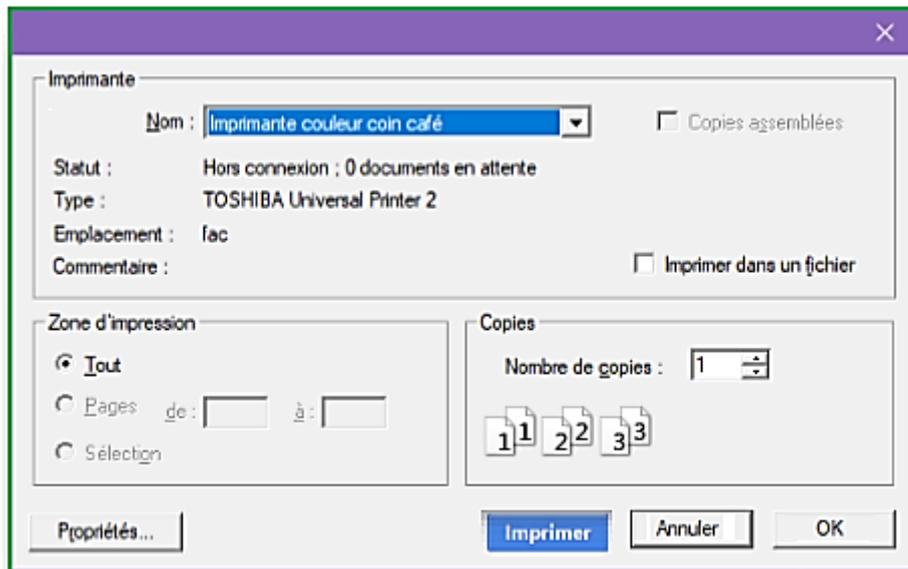
Exercise 9

Consider the following interface.



1. List the components of this interface.
2. Describe and explain the ergonomic errors of the software interface above (identify and number errors on the screenshot).
3. Propose an improvement to the interface by redrawing the screen below

Exercise 10



1. What does this figure represent?
2. List the different elements that make up this interface.
3. What points seem erroneous in this interface? (Justify your answer)
4. Propose another interface that complies with style guides.

Exercise 11

What are the main benefits of using color in user interfaces?