1. Nov/2021/Paper_31/No.11

Images of the faces of people can be manipulated and changed by morphing.

Describe how morphing could be used to change an image of a sad face into a smiling face.

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2. Nov/2021/Paper_32/No.1

Designers often use computer-aided design (CAD). Fig. 1.1 shows the design of a room.

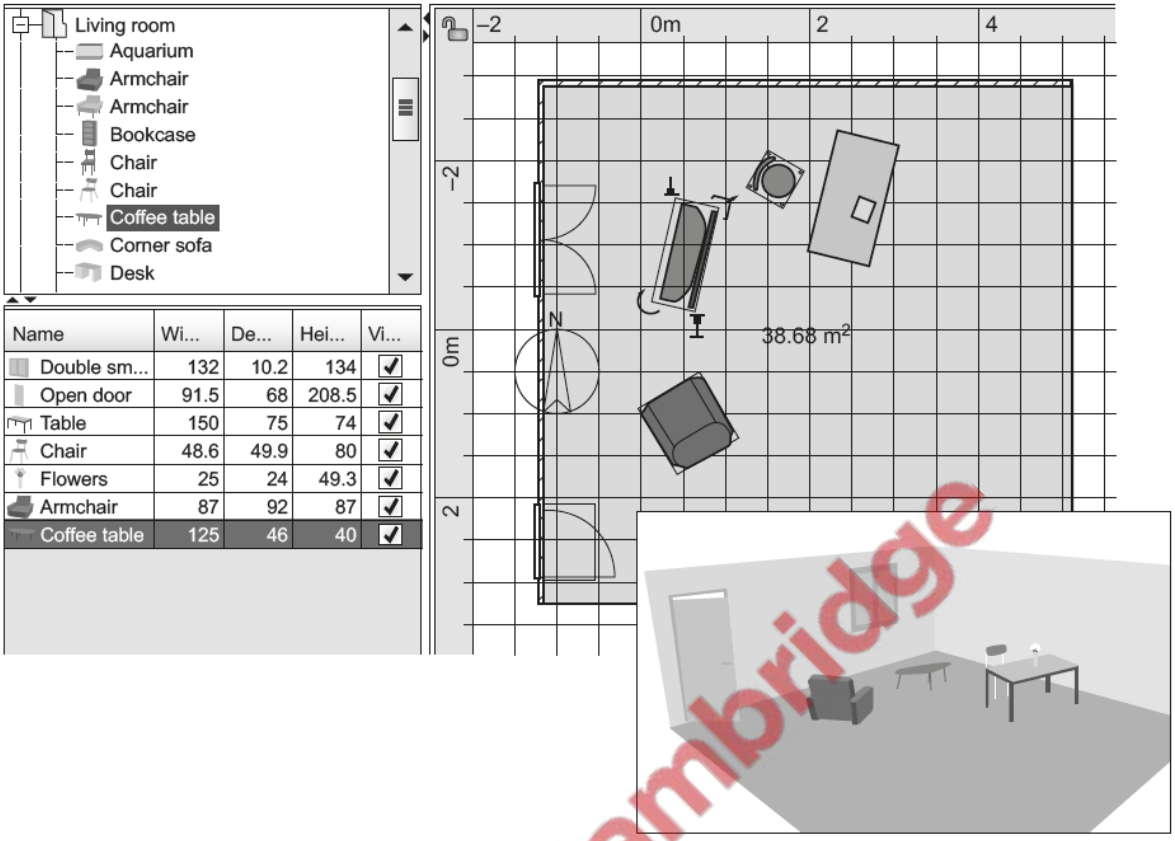

Fig. 1.1

Describe how the features of CAD software can be used to design the room.

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3. Nov/2021/Paper_32/No.9

Many web pages now use vector graphics as well as bitmap graphics for images and icons.

Evaluate, by weighing up the advantages and disadvantages, the suitability of vector graphics compared with bitmap graphics for this purpose.

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4. Nov/2021/Paper_33/No.11

Images of the faces of people can be manipulated and changed by morphing.

Describe how morphing could be used to change an image of a sad face into a smiling face.

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5. June/2021/Paper_32/No.12

A portrait painter has a website which he uses to display photographs of his work. The website uses thumbnail and large images to show the photographs.

Analyse the use of bitmap graphics for this purpose.

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6. Nov/2020/Paper_33/No.8

Bitmap images can be saved in different file formats. Images may be compressed when saving to a file.

Analyse the use of different file formats for storing compressed bitmap images.

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7. Mar/2020/Paper_32/No.5

Computer graphics software can create shapes as vector graphics or as bitmap images.

(a) Identify **one** use of vector graphics in computing.

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(b) Explain, in detail, why vector graphics can be resized without losing image quality but bitmap images usually cannot.

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8. Mar/2020/Paper_32/No.10

Evaluate, by weighing up the advantages and disadvantages, the impact of image editing in the making of movies.

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9. June/2020/Paper_31/No.5

Describe how compression is used when storing bitmap image files.

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10. June/2020/Paper_33/No.5

Describe how compression is used when storing bitmap image files.

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