Section C, Instructions

SECTION C — Practical task   40 marks

A shortcut to your practical work folder will be created on the desktop at the beginning of the working period.
Use this shortcut to move from the examination to your practical work folder.

Complete **all** parts of this task.

You are required to complete this task using:

- the software applications installed on your computer
- the assets for the practical task contained in your practical work folder.

Your answers to this section will **not** be saved automatically.

You **must** save your finished work to your practical work folder.

Remember to save your work at each step.

You should spend approximately 60 minutes on Section C.

Your practical work folder will be available after the reading time.

Section C, Website Brief

Brief

You have been approached by a car-hire company, Robyn's Classic Cars, that has asked you to create two web pages promoting its business to young adults.

The home page, its associated Cascading Style Sheet (CSS) and some files have been supplied.

You are required to:

- modify, create and name pages

- modify and prepare images from supplied images

- add the images to the site pages following instructions and the suggested layout

- add text to pages, and apply HTML and CSS as indicated in the design guide

- create a functioning link between pages

- apply and modify CSS styling as directed

- write and add copy to the website using the supplied text and specific writing style

- create an animation, using supplied elements, and add it to the web page as indicated in the design guide.

Your client wants the web pages to be laid out according to the design guide and styled according to the instructions given.

Website assets provided

index.html

cars.css

car.jpg

background.psd

content.txt

Your practical work folder will be available after the reading time.

Task continues on the next screen.

BACK   NEXT

Section C, Website Design Guide

Design guide

Home page

Second page

Your practical work folder will be available after the reading time.   *Task continues on the next screen.*   BACK   NEXT

Section C, Website Page 1

Website (22 marks)

Step 1

Resize the image *background.psd* to a width of 800 pixels and height of 600 pixels.

Adjust its opacity to 40%, apply a Gaussian blur of 5 pixels, then save it for the web as *bgscene.jpg*

with a file size of between 100 kilobytes and 140 kilobytes.

5 marks

Step 2

Open the supplied page *index.html* and set the page title to 'Robyn's Classic Cars'.

1 mark

Step 3

Set the background in *index.html* to the image *bgscene.jpg* by modifying the style #container in

cars.css.

1 mark

Step 4

Apply the h1 style to the text 'Robyn's Classic Cars' at the top of the *index.html* page.

1 mark

Step 5

Duplicate the file *index.html* and save it as *services.html*. In *index.html,* link the menu item

'SERVICES' to *services.html*.

2 marks

Section C, Website Page 2

Website (continued)

Step 6

Modify the h2 style in *cars.css* to colour #9933cc. Change the subheading 'Welcome' in *services.html* to 'What we do', as shown in the design guide.

2 marks

Step 7

Insert the home page text content found in *content.txt* into *index.html* under the subheading and ensure it is formatted with the p style from *cars.css*, as shown in the design guide.

2 marks

Step 8

Using a promotional style, rewrite the information under the heading 'SERVICES PAGE CONTENT' in *content.txt* into three sentences summarising the services offered by Robyn's Classic Cars.

Present the three sentences as an ordered list.

Modify the ol style found in *cars.css* to italic.

4 marks

Step 9

Open the image *car.jpg*. Modify the hue of the image so the car is green, as shown in the design guide.

Remove the white areas of the background and windows, and save the image with a transparent background.

Ensure the visual quality of the original is maintained.

Add to *services.html*, as shown in the design guide.

4 marks

Your practical work folder will be available after the reading time.   *Task continues on the next screen.*   BACK   NEXT

Section C, Animation Demonstration

Animation (18 marks)

Construct the animation, as shown in the demonstration and the storyboard, according to the steps below.
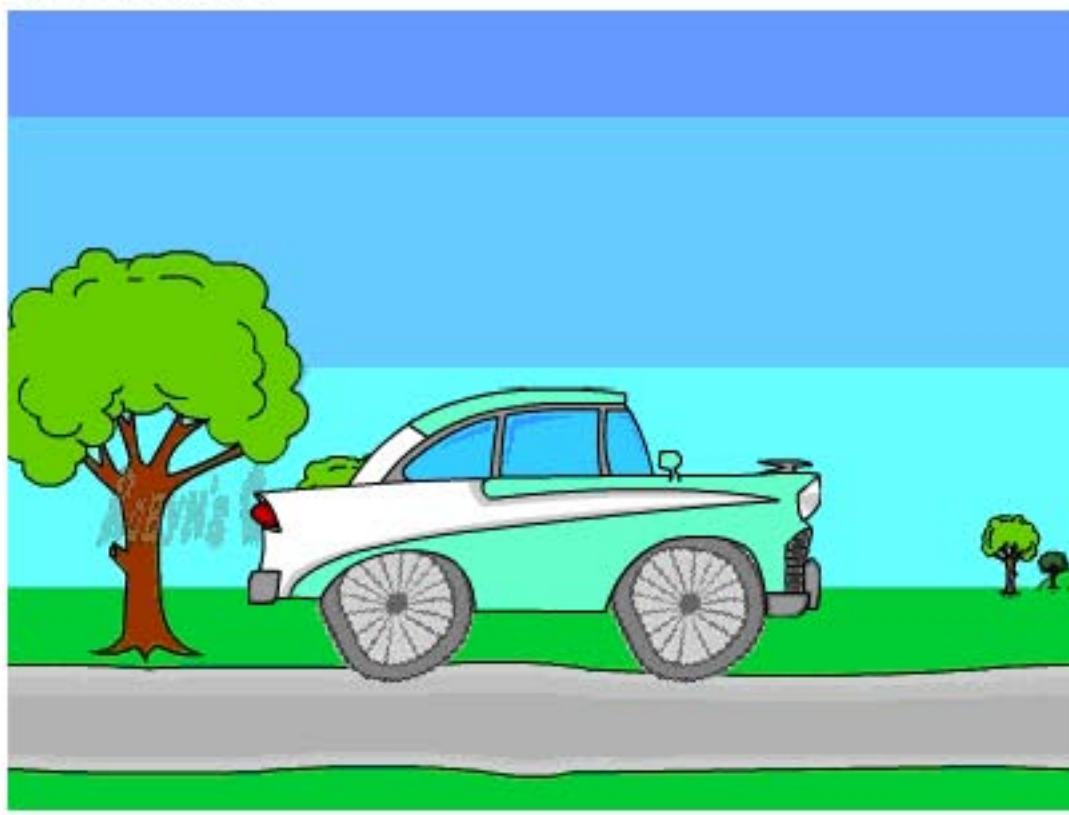
Ensure correct layering, timing and component placement.

The assets have already been imported into the *robyn.fla* library.

Assets provided

car_body.png

wheel.png

smoke.png

background.jpg

backfire.wav

Demonstration

◁◁ ❚❚ ▷▷   **2.2 seconds**

Note: The controls are provided for you to step through
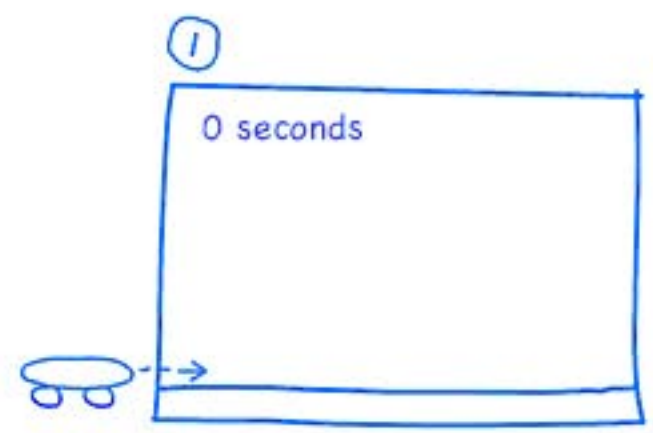*the animation demonstration.*
You do not have to create the controls.

Your practical work folder will be available after the reading time.

Task continues on the next screen.

BACK   NEXT

Section C, Animation Storyboard

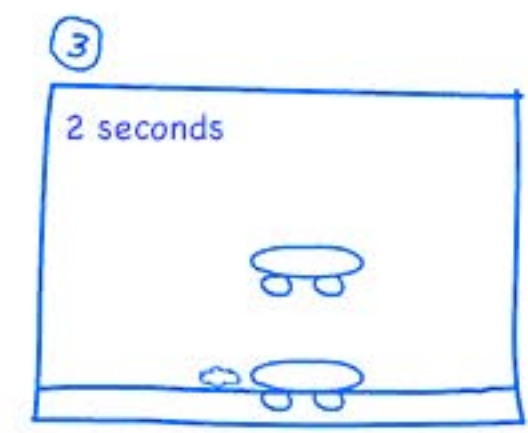## Storyboard for the animation

① **0 seconds**

- Car enters and travels to centre

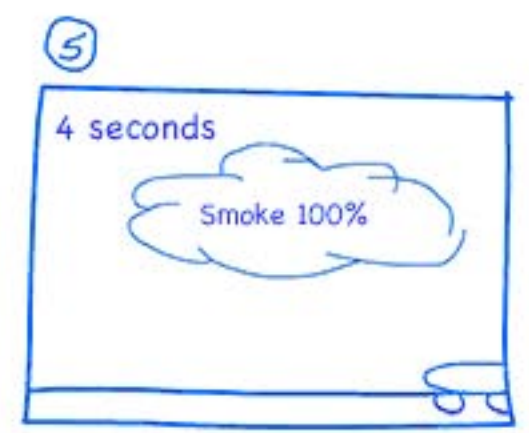*NOTE: Background scrolls throughout entire animation
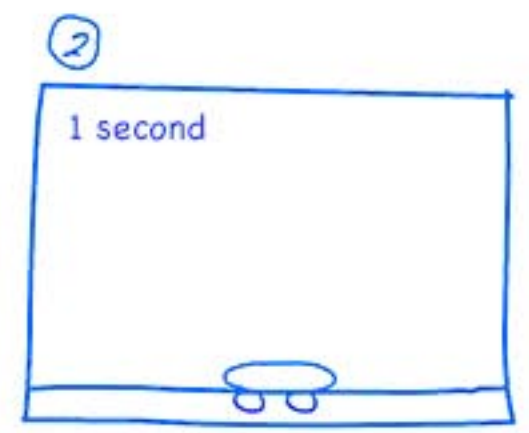
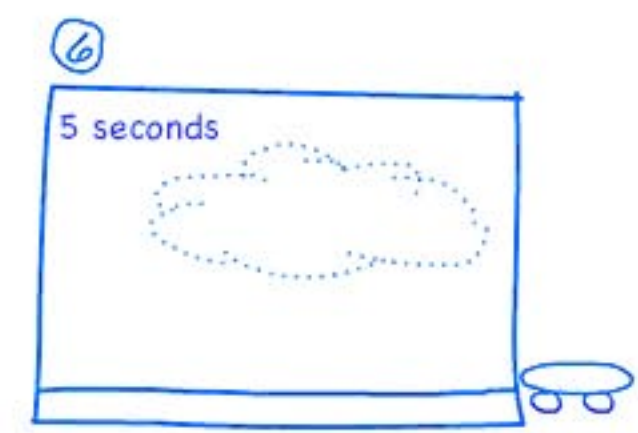② **1 second**

- Car stays at centre
- Sound of car starts

③ **2 seconds**

- Car starts jump at backfire sound
- Smoke appears at 10% alpha
- Car at top of jump at 2.5 seconds

④ **3 seconds**

Smoke 100%
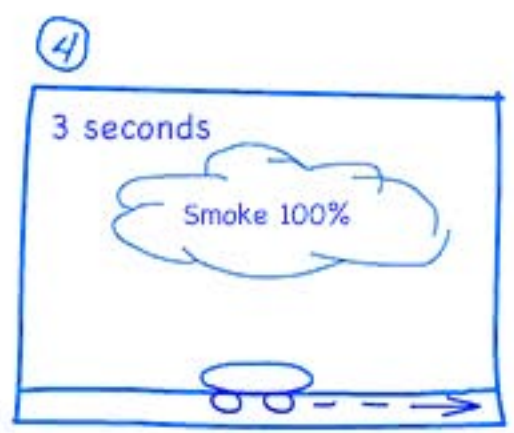
- Car starts to move, accelerating
- Smoke reaches full size and 100% alpha

⑤ **4 seconds**

Smoke 100%

- Car moving off stage
- Smoke stays at 100% alpha

⑥ **5 seconds**

- Car off stage
- Smoke starts to fade to 0% alpha

Task continues on the next screen.

BACK NEXT

Section C, Animation Page 1

Animation (18 marks)

Construct the animation, as shown in the demonstration and the storyboard, according to the steps below.

Ensure correct layering, timing and component placement.

The assets have already been imported into the *robyn.fla* library.

Step 1

Open *robyn.fla* and set the size of the stage to width 400 pixels and height 300 pixels.

Set the frame rate to 10 fps.

1 mark

Step 2

Using the file *background.jpg* found in the library, create an animated background, as shown in the demonstration.

2 marks

Step 3

Add the audio asset sound file *backfire.wav*, as shown in the storyboard.

1 mark

Task continues on the next screen.

Section C, Animation Page 2

Animation (continued)

Step 4

Using *car_body.png*, create an animated car by adding a set of rotating wheels using the *wheel.png* asset, as shown in the demonstration and storyboard.

Animate the car body to travel up and down as the wheels rotate, as shown in the demonstration and storyboard.

4 marks

Step 5

Animate the completed car, as shown in the demonstration and storyboard.

5 marks

Step 6

Animate the file *smoke.png*, as shown in the demonstration and storyboard.

4 marks

Step 7

Add the completed animation to the website, as indicated in the design guide.

1 mark

End of Section C

BACK