Section C, Instructions

SECTION C – Practical task   40 marks

**A shortcut to your practical work folder has been placed on the desktop.
Use this shortcut to move from the examination to your practical work folder.
The shortcut to your practical work folder is called
'Shortcut to 12345678A Practical Work'.**

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.

Section C, Website Brief

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Part 1 Website

Brief

You have been asked to develop a two-page website to promote the Interstellar Planetarium. You have been provided with all the media assets to complete this task.

The website will have a home page (*index.html*) and an 'About Us' page (*about_us.html*). A Cascading Style Sheet (CSS) (*style.css*) has been provided to be linked to the pages.

You are required to construct the website and its animation by following the steps provided.

You have been provided with the following assets for the website:

index.html

style.css (in CSS folder)

planetarium_text.txt

about_us.html (in contents folder)

planetarium.psd (in banner folder)

moon.png (in banner folder)

planetarium text.png (in banner folder)

Saturn.png (in banner folder)

map.tiff (in map folder)

rocket_animation.fla (in animation assets folder)

space_background.jpg (in animation assets folder)

Section C, Website Style Guide

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Section C
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1 2
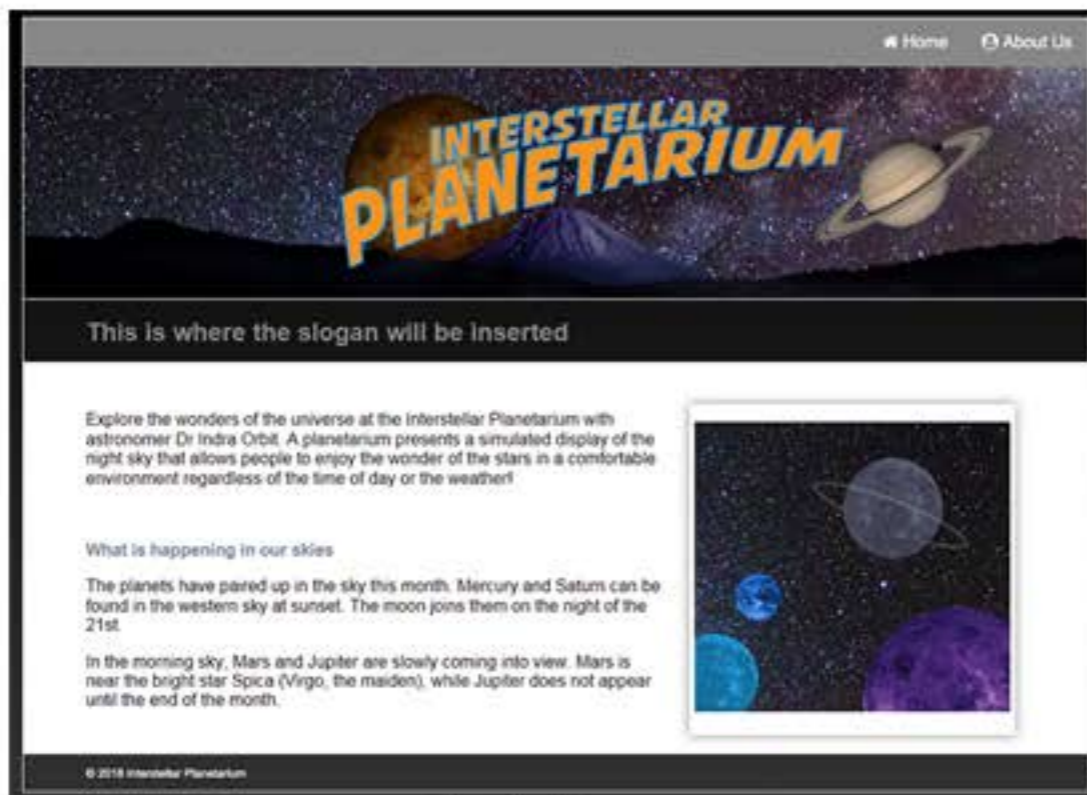
'Index' page

'About us' page

Roll mouse over to see larger image

Task continues on the next screen.   BACK   NEXT

Section C, Website Page 1

Step 1

Open the supplied *index.html* file and link the CSS (*style.css*) to it.

1 mark

Step 2

Using Photoshop, open the *planetarium.psd* file and create the space image with the moon, text and Saturn, as shown in the style guide.

Roll mouse over to see larger image

3 marks

Step 3

Add a radial gradient to the moon, as shown in the style guide.

1 mark

Step 4

Save the space image in an appropriate format for the web and add it to the placeholder as a background image on both pages.

2 marks

Step 5

a. Create a subheading under the planetarium space image that promotes the planetarium in seven words or fewer.

2 marks

b. Format the subheading with the h3 tag.

1 mark

Step 6

Open the *planetarium_text.txt* file.

Add the text to the appropriate location, as shown in the style guide.

Format the text to be in three paragraphs, with one heading, as shown in the style guide.

2 marks

Task continues on the next screen.

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Section C, Website Page 2

Step 7

In the CSS style sheet, apply the class rule .*a_sky* for the heading 'What is happening

in our skies'.

1 mark

Step 8

In the CSS style sheet, add a rule for an h2 tag that is Arial, size 14 px., colour #696969.

Open the *about_us.html* page.

Format the subheading 'About Us' using the h2 tag.

2 marks

Step 9

On the *about_us.html* page, format the opening hours as an unordered list, as shown

in the style guide.

1 mark

Step 10

Underneath the opening hours, format the email address as an email hyperlink.

1 mark

Step 11

Link the *index.html* page to the *about_us.html* page.

Link the *about_us.html* page back to the *index.html* page.

1 mark

Step 12

Open Photoshop and resize the image *map.tiff* to 300 px. wide and 240 px. high.

Save the image in a suitable format for the web and add it to the placeholder div#map with

an appropriate ALT tag.

Save the pages.

2 marks

Task continues on the next screen.

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Section C, Animation Demonstration

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Animation demonstration

◁   ▶   ▷   **0.0 seconds**

Note: Do not create these control buttons.

Task continues on the next screen.   BACK   NEXT
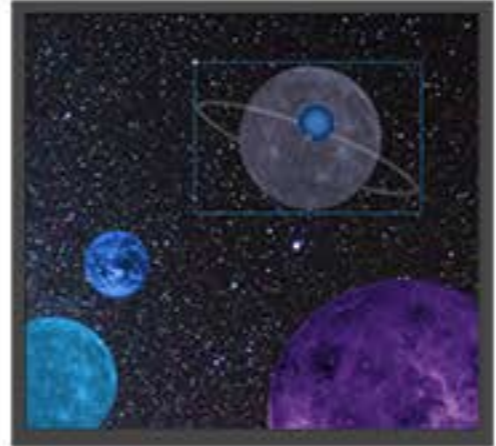
Section C, Concept Guide

Concept guide

Stage and background

Stage size set to 600 px. width x 550 px. height
Import *space_background.jpg* and place on stage at x = 0, y = 0
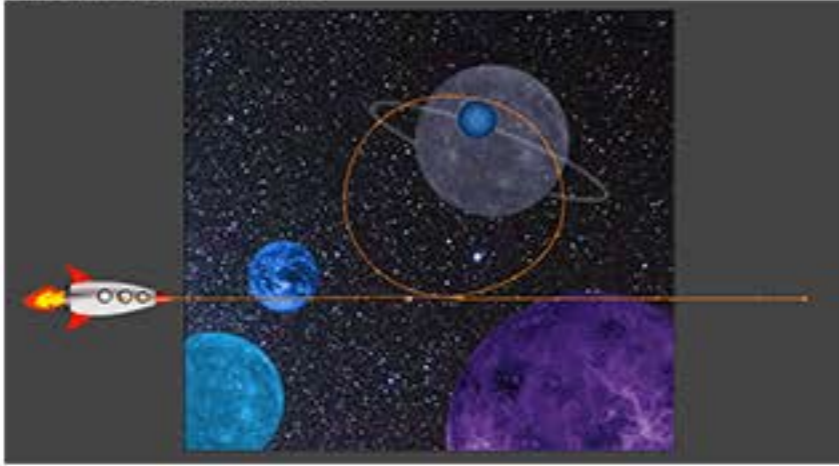
Planet and moon orbit

On frame 1 place *planet_moon_orbit* MovieClip on stage at x = 225, y = 65

Rocket assembly

Assemble *rocket* MovieClip by adding *flames* MovieClip below the rocket
Added to timeline at 1 second

Rocket animation

Rocket animation from 1–6 seconds
Motion guide added
Start position x = –75, y = 360
End position x = 760, y = 360
Rocket completes one circular loop before exiting stage right
Apply an ease of –70 and orientate the rocket to the path

Shooting star
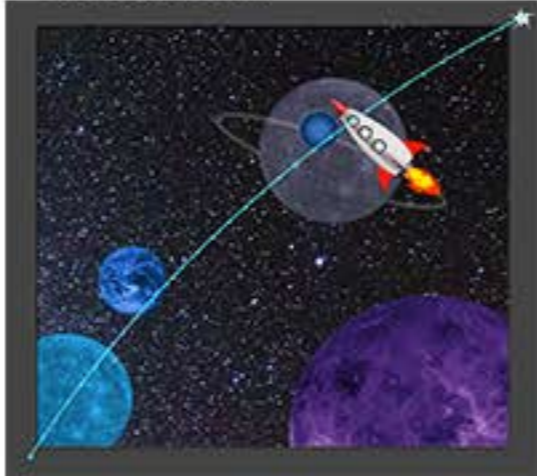
Star animation from 4 seconds to 5 seconds
Enters in top-right corner and exits in bottom-left corner

Text animation
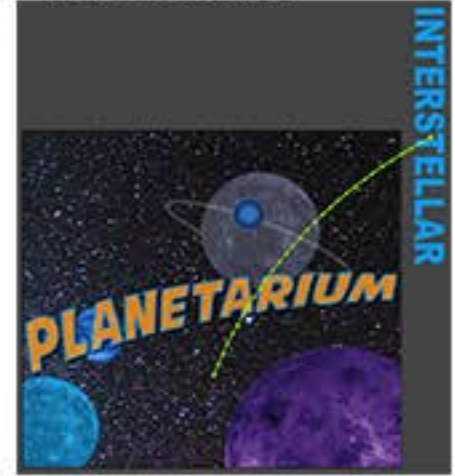
Planetarium text added at 5.5 seconds, ends at 6.5 seconds and remains visible till the end
Starts at 0% opacity, ends at 100% opacity
INTERSTELLAR text created and added at frame 196, ends at frame 226 and remains visible till the end
Text rotates 90° counterclockwise behind the planet with orbit

Animation finishes at 8 seconds with background, planet with orbit and both text components static and visible

Task continues on the next screen.

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Section C, Animation Page 1

Step 1

Open the Flash/Animate file *rocket_animation.fla*.

Add the *space_background.jpg* image to the library.

1 mark

Step 2

Set the stage size to 600 px. wide and 550 px. high.

Place the background image *space_background.jpg* at x = 0, y = 0.

2 marks

Step 3

The MovieClip *planet_moon_orbit*'s position is x = 225, y = 65.

Insert and position the MovieClip.

2 marks

Step 4

Open the MovieClip *rocket*.

Assemble the rocket with the MovieClip *flames* on the layer below the rocket's body.

1 mark

Step 5

Animate the rocket so that the rocket enters stage right at 1 second, completes one circular loop, then exits stage left at 6 seconds.

Increase the rocket speed. Use ease = –70.

Orient the rocket to the path.

Ensure the start position is x = –75, y = 360 and the end position is x = 760, y = 360.

6 marks

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Section C, Animation Page 2

Step 6

Animate the shooting star so that the MovieClip *star* enters the top-right corner at 4 seconds and exits the bottom-left corner at 5 seconds.

1 mark

Step 7

Animate the planetarium text so that at 5.5 seconds the text starts at 0% opacity and ends at 100% opacity over 1 second, and then remains on the screen.

2 marks

Step 8

Create the text INTERSTELLAR using a bold sans serif font in 65 pt, colour #0F98F0.

Animate the INTERSTELLAR text to appear under the planetarium text, travelling in an arc behind the planet with the rotating moon.
The start frame of the text should be 196 and the finish frame should be 226, with a rotation of 90° counterclockwise, as per the sample animation.

3 marks

Step 9

Edit the animation so it finishes at 8 seconds with background, orbiting moon, planetarium text and INTERSTELLAR text static and visible.

1 mark

Step 10

Export the finished file and add it to the placeholder on the index page of the website.

1 mark

End of Section C   BACK