

Student Name:

As part of your assessment, you are required to answer the following questions (in your own words) in relation to your website project. Please write a minimum of 5 sentences for each answer, and respond in complete sentences (not bullet points, or fragments.) If you use an external website for research, please reference or cite the source of the information.

Text in blue is to help you with your answer, and should not be included in your response, or used as “subheadings”. Please delete blue text from your final submission.

As a starter, use the question to answer the question. For example:

Q1. Describe how you are going to use IT in creating your website.

“I am going to use IT in creating my website by.....”

Q1. Describe how you are going to use IT in creating your website.

- Discuss how you will need IT to plan, make and test your website
- Discuss the tools you will use in this project
- Discuss the benefits of making a website to share your information over a more “traditional” form of media. How does IT make creating and sharing easier?

Q2 How will you use IT to plan the steps you will take to create your website? Describe the website you are hoping to achieve.

- Discuss the topic of your website, and briefly outline the content you will share. Who is this website for?
- What are your goals with this website?
- How will you plan out your website and tasks? (Trello for task management using Kanban, Draw.io for a wireframe, etc)

Q3. Describe methods, skills and resources needed to complete your website - explain what IT systems and software applications you need to be successful in your website project, and how you will use them

- A method is something that must be done for the project to be completed. Examples include uploading the project to GitHub so it can have an audience, testing your website to ensure it looks right and is useable, planning your website thoroughly so you know your goals, etc
- A skill is something you can do to make the process easier. Examples include your skill in planning, your skill in writing HTML or CSS, your skill in design to create a good-looking website that retains visitors
- A resource is an external thing which will make the process easier. Examples include W3 Schools, resource websites like Pixabay or Shutterstock, and any VSC extensions you may install.

Q4. Describe the legal guidelines and risks that might impact your website project - how does GDPR and copyright affect website development?

There are a number of laws and regulations that influences how we can use technology.

These are things we must be aware of when using IT – ignorance of the law is no excuse.

As web developers, two of the most influential laws are the GDPR, and Copyright. Discuss:

- What is GDPR?
- How does it impact web development? Give an example
- Does it impact your project? Why / why not?
- What is copyright?

- How does it impact web development? Give an example
- Does it impact your project? Why / why not?

Q5. Review the ongoing use of IT tools you have used for your website and describe whether they are appropriate - what are the benefits and drawbacks of IT tools and systems used?

Review the software and apps you have used in this process. State what the tool was, what you used it for, some good points about it, and at least one negative. As a minimum discuss Visual Studio Code and Trello.

Ensure you are focused on discussing the tool, and not necessarily how well you used it.

Q6. Describe how you would test your website to make sure it looks as intended and shows you have considered accessibility issues for people with disabilities.

- Explain how you tested your website, and what you were testing for
- Discuss things you did to show you had considered accessibility when designing your page, and mention any changes you made as a result of this testing

Q7. What kind of files have you used in your website and explain why you have chosen those filetypes.

- Detail the file types you have used in this project (HTML, CSS, any image extensions used)
- Explain what you used each for, and why. Think beyond “because I was told to use this file type.”

Q8. Describe ways to improve your productivity and efficiency throughout this project. If you could have been more productive or efficient, how would you implement this for a future project?

- Discuss your project management
- Evaluate your use of Trello and Kanban – did you find this methodology useful?
- Suggest improvements for your efficiency. What would you do differently on a future project? This could include installing more extensions to VSC, planning your website differently, changing your set-up, etc

Q9. Assess the strengths and weaknesses of your website and describe how this could be improved if you had more time to develop it.

- Discuss at least two aspects your website that you think work well, and why
- Discuss one weakness of your website
- Explain how you would overcome this weakness if you continued in the project
- Discuss any other changes you would like to make to the website

Q10 Describe your final website and assess if you have achieved what you set out to at the start.

- Discuss the layout, pages, and content of your website.
- Does it match your original plan? If not, why?
- Does it fulfil its purpose? If not, why?

Q11. Take a screenshot of your GitHub website homepage working in two different browsers.