https://www.calculator.net/pythagorean-theorem-calculator.htmlReflection document

2.

First page :

To begin with , once the user enters into the website , the user gets prompted with the “ create account “ link , once the link is followed on, a create account div appears which requires the users to enter their fullname , username and password. Below this is appears a create account button which has to clicked and then the user is directed towards the main page.

The second page :

The programme greets the user with their fullname and then provides the user with two different calculating options , which are mean calculator and pythogorus theorem calculator.

MEAN CALCULATOR

When the user selects the mean calculator , a new div appears in which the user can calculate the mean.

The user needs to provide a list of numbers separating each number with a comma. When the user selects the calculating button , the final result will be displayed below.

There is also a retry option which allows the user to make a reattempt or to get started with a new calculation.

PYTHOGORAS THEOREM

When the user selects Pythagoras theorem , a new div appears , in which the user can calculate pythogoras theorem.

The programme requires the values of ‘a’ and ‘b’ to be inputed and when the user goes ahead with the ‘calculate’ option it calculates and displays the value of ‘c’ .

The user needs to click on the retry option for a reattempt or to begin with a new calculation.

3.

Following resources helped me to get an idea of how to design the outline of my project.

<https://www.calculator.net/mean-median-mode-range-calculator.html>

<https://www.calculator.net/pythagorean-theorem-calculator.html>

The first link helped me to get a picture of how my div and result should appear whereas the second link helped me provide the information about how the pythorean theorem functions.

These links had sufficient information and were very user friendly helping me out with all the data I needed to execute my project.

4.

MEAN CALCULATOR

When the user hovers his mouse on the calculate/retry button he the button background changes to blue , when the user moves is mouse away from the button , the background goes back to yellow. I performed these actions by using mouse over and mouse out functions. When the user selects the calculate button , it changes the header of div from mean calculator to mean result.

PYTHOGORAS THEOREM

The buttons acts same as mean calculator buttons. The only difference is when the user clicks the calutate button it changes the header from pythogoras theorem calculator to pyhtogoras theorem result.