Assignment Title

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Abstract

Do we really need an abstract?[1] Since we have created one, let's do a link to my github account.

1 First Section

Code for this subsection could be found in `q_1.m` file in the `src` folder.

A

This is the answer to question a. $\surd$ TeX is a computer program for typesetting documents, created by Donald Knuth. It takes a suitably prepared computer file and converts it to a form which may be printed on many kinds of printers, including dot-matrix printers, laser printers and high-resolution typesetting machines. LaTeX is a set of macros for TeX that aim.

This is the next paragraph.

B

Here we show how to embed one diagram as a figure. Take a look at figure 1.

Figure 1: Awesome Result

C

Here we show how to embed subfigures as it might be usefull in assignment reports. Take a look at result on figure 2.

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[*]Anyone to thank?

[1]We usually don't have abstracts in assignments but for the sake of it I've put it here.

(a) The first   (b) The second   (c) The third

Figure 2: All of the diagrams

D

What if we solve the equation 1.

$$x_1 = \frac{5 + \sqrt{25 - 4 \times 6}}{2} = 3 \tag{1}$$

Also we know that $\frac{n!}{k!(n-k)!} = \binom{n}{k}$ which will help us alot.

2 Second Section

Code for this subsection could be found in `q_2.m` file in the `src` folder.

A

We try to solve the problem with Agorithm 1.

Data: this text
Result: how to write algorithm with LaTeX2e
initialization;
while *not at end of this document* **do**
    read current;
    if *understand* **then**
        go to next section;
        current section becomes this one;
    else
        go back to the beginning of current section;
    end
end

Algorithm 1: How to write algorithms

B

Let's look at the results in Figure 3

Day	Min Temp	Max Temp	Summary
Monday	11C	22C	A clear day with lots of sunshine. However, the strong breeze will bring down the temperatures.
Tuesday	9C	19C	Cloudy with rain, across many northern regions. Clear spells across most of Scotland and Northern Ireland, but rain reaching the far north-west.
Wednesday	10C	21C	Rain will still linger for the morning. Conditions will improve by early afternoon and continue throughout the evening.

Figure 3: The table