

# Homework

CASSIOUS KABWE

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## 1 Introduction

Hello! This is my first L<sup>A</sup>T<sub>E</sub>X document.

This homework is based on the introduction to L<sup>A</sup>T<sub>E</sub>X and to know how we can use L<sup>A</sup>T<sub>E</sub>X commands and structures to create a well-formated document. L<sup>A</sup>T<sub>E</sub>X is a **document processor** used to prepare an article, research paper and technicain document.[?, ?]

## 2 Main Content

- Numpy
- Pandas
- Matplotlib

The quadratic formula is given by  $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$ .

### 2.1 Section A

*The table below shows the details of a a student at **MELZARA collage** studying computer science. his name is James and he is 54 years of age respectively*

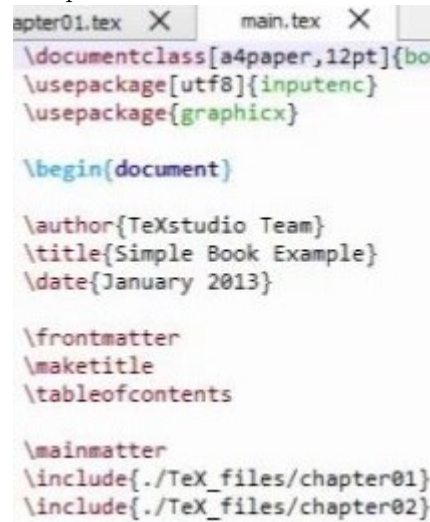
Table 1: Details of a person.

Name	James
Age	54

### 2.2 Section B

A programming language is a system of notation for writing computer programmes. Most programming languages are text-based formal languages but they might also be graphical. Below are some examples of programming languages.

The picture below shows some commands used in creating a document in LaTeX.

A screenshot of a LaTeX source code editor. The editor has two tabs at the top: 'apter01.tex' and 'main.tex'. The 'main.tex' tab is active. The code is as follows:

```
\documentclass[a4paper,12pt]{book}
\usepackage[utf8]{inputenc}
\usepackage{graphicx}

\begin{document}

\author{TeXstudio Team}
\title{Simple Book Example}
\date{January 2013}

\frontmatter
\maketitle
\tableofcontents

\mainmatter
\include{./TeX_files/chapter01}
\include{./TeX_files/chapter02}
```

Figure 1: L<sup>A</sup>T<sub>E</sub>X page

1. Python
2. Kotlin
3. L<sup>A</sup>T<sub>E</sub>X