

# My first Document

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# 1 Introduction

This is the introduction

# 2 Tables

Table 1: Table of names and numbers

| Name      | Number     |
|-----------|------------|
| Aysha     | 4110       |
| Tanny     | 2015331042 |
| merged    | 017565     |
| with this |            |

Table 2: Country Table

| Country List |         |         |              |
|--------------|---------|---------|--------------|
| Country Name | alpha 2 | alpha 3 | numeric code |
| Afghanistan  | AF      | AFG     | 004          |
| Albania      | AL      | ALB     | 008          |
| Algeria      | DZ      | DZA     | 012          |
| Angola       | AO      | AGO     | 024          |

# 3 Fonts

My name is *Aisha Khatun* , this is *slanted* and this is in SMALLCAPS also this is **both bold and underlined** Aysha Aysha Aysha coloring texts in various colors that look good! all types of sizes are possible

possibleare possibleare possibleare possible A list of works:

1. First thing
2. Second thing
  - A sub-thing
  - Another sub-thing
    - sub-sub thing

- yet another
- + positive
- negative
- () and words
- () and more words

### 3. Third thing

Believe that life is worth living, and your belief will help create the fact  
 new line started here  
 and another line break  
 also another newline

Trying out escape characters like # \$ % ^ with this. how to enter  
 the backslash? by typing \textbackslash

Item #A\642 costs \$8 & is sold at a ~10% profit

## 4 Checkpoint Tables

Assignment Table here.

Table 3: Assignment table-1

| Item          | Quantity | Price (\$) |
|---------------|----------|------------|
| Nails         | 500      | 0.34       |
| Wooden boards | 100      | 4.00       |
| Bricks        | 240      | 11.50      |

Table 4: Assignment table-2

| City   | Year |      |      |
|--------|------|------|------|
|        | 2006 | 2007 | 2008 |
| London | 1234 | 5687 | 9821 |
| Berlin | 1234 | 5687 | 9821 |
| Paris  | 1234 | 5687 | 9821 |

## 5 Figures

This part uses images

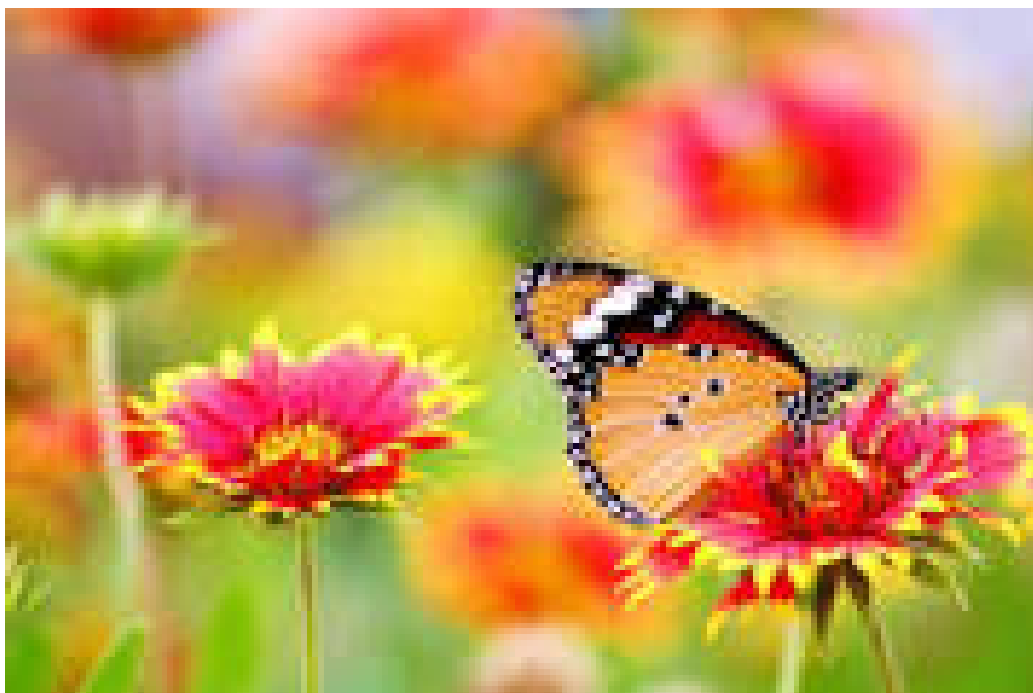


Figure 1: Here is my image

Figure 1 shows my image.

## 6 Multiple Figures



(a) First Bird. (b) Second Bird. (c) Third Bird. (d) Repeated.

Figure 2: Some Birds together.

Writing appear at the bottom

## 7 Bottom Figure

This part uses images

Figure 3 shows my image.

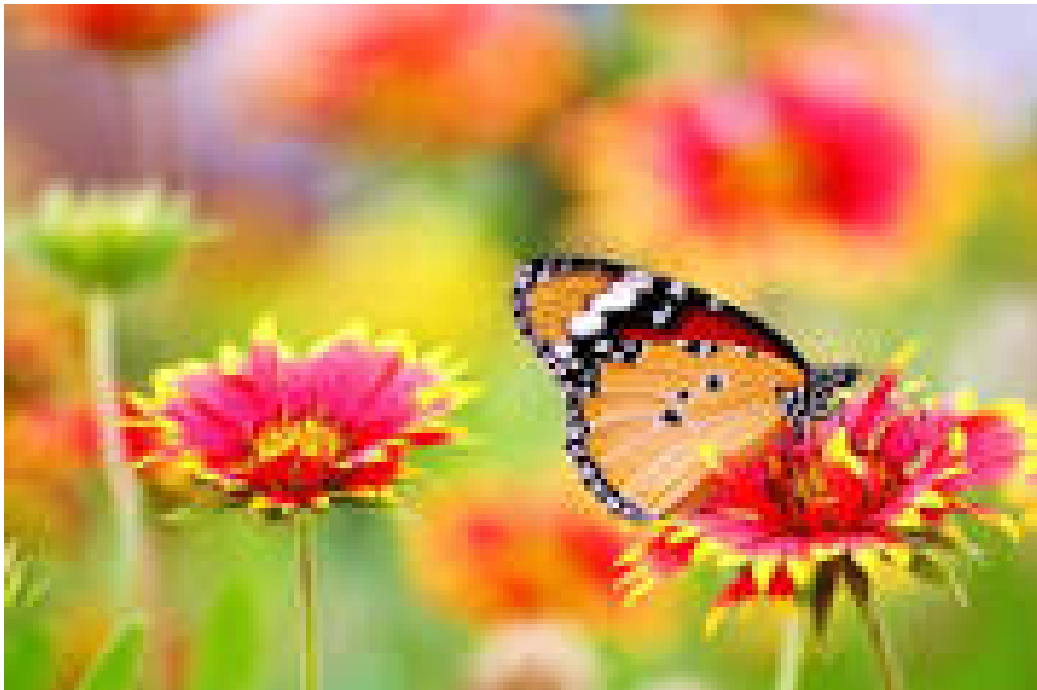


Figure 3: Here is my image

# 8 New page Figure

This part uses images

Figure 4 shows my image.

# 9 Practical 5

## 9.1 Equations

$1 + 2 = 3$

Own line Equation

$$x + y = z$$

Numbered Equation

$$ax + by = c \tag{1}$$

$$y = mx + c \tag{2}$$

$$ax + by = c \tag{3}$$

$$x1 <= x <= x2 \quad y1 <= y <= y2 \tag{4}$$

$$y \quad = \quad mx + c$$

$$ax + by \quad = \quad c$$

$$x1 < \quad = \quad x <= x2$$

$$y1 <= y < \quad = \quad y2$$

## 9.2 Symbols

$$n^4$$

$$a_2$$

$${}^nC_r$$

$$\frac{x}{y}$$

$$\frac{y}{\frac{3}{x} + b}$$

$$\sqrt{aysha^{100}}$$

$$\sqrt[100]{x^{100} + y^6}$$

$$\sum_{i=1}^n \left(\frac{1}{2}\right)^i$$

$$\lim_{x\rightarrow\infty} f(x)$$

$$\int_a^b f(x)$$

### 9.3 Matrices

$$\begin{bmatrix} 1 & 0 & 0 & a \\ 0 & 1 & x & y \end{bmatrix}$$

### 9.4 Greek Letters

$\alpha$

$\beta$

$\delta, \Delta$

$\mu$

$\pi, \Pi$

$\sigma, \Sigma$

$\phi, \Phi$

$\psi, \Psi$

$\omega, \Omega$

### 9.5 CheckPoint 5

$$e=mc^2 \tag{5}$$

$$\pi = \frac{c}{d} \tag{6}$$

$$\frac{d}{dx}e^x=e^x \tag{7}$$

$$\frac{d}{dx}\int_0^\infty f(s)ds=f(x) \tag{8}$$

$$f(x)=\sum_t=0^\infty \frac{f^{(t)}(0)}{i!}x^t \tag{9}$$



$$x = \sqrt{\frac{x_t}{z}}y \tag{10}$$

$$\lim_{x \rightarrow \infty} \exp(-x) = 0 \tag{11}$$

$$\begin{bmatrix} 1 & 2 & 3 & 4 & 5 \\ 3 & 4 & 5 & 6 & 7 \\ 5 & 6 & 7 & 8 & 9 \end{bmatrix} \tag{12}$$

## Bibliography

Citation is [Bird et al., 2001]

Citation is Goldberg and Holland [1988]

Reference is not showing

With Page Number [Bird et al., 2001, p. 215]

Multiple Citation Goldberg and Holland [1988], Nasrabadi [2007], Rasmussen [2004], Bird et al. [2001]

## Methods

### Stage 1

The first part of the methods.

### Stage 2

The second part of the methods.

## Results

Here are my results. Referring to section 11.1 on page 7 and the first table practice 1 on page 1

## References

R. B. Bird, E. A. Smith, and D. W. Bird. The hunting handicap: costly signaling in human foraging strategies. *Behavioral Ecology and Sociobiology*, 50:9–19, 2001.

- David E Goldberg and John H Holland. Genetic algorithms and machine learning. *Machine Learning & AI*, 3(2):95–99, 1988.
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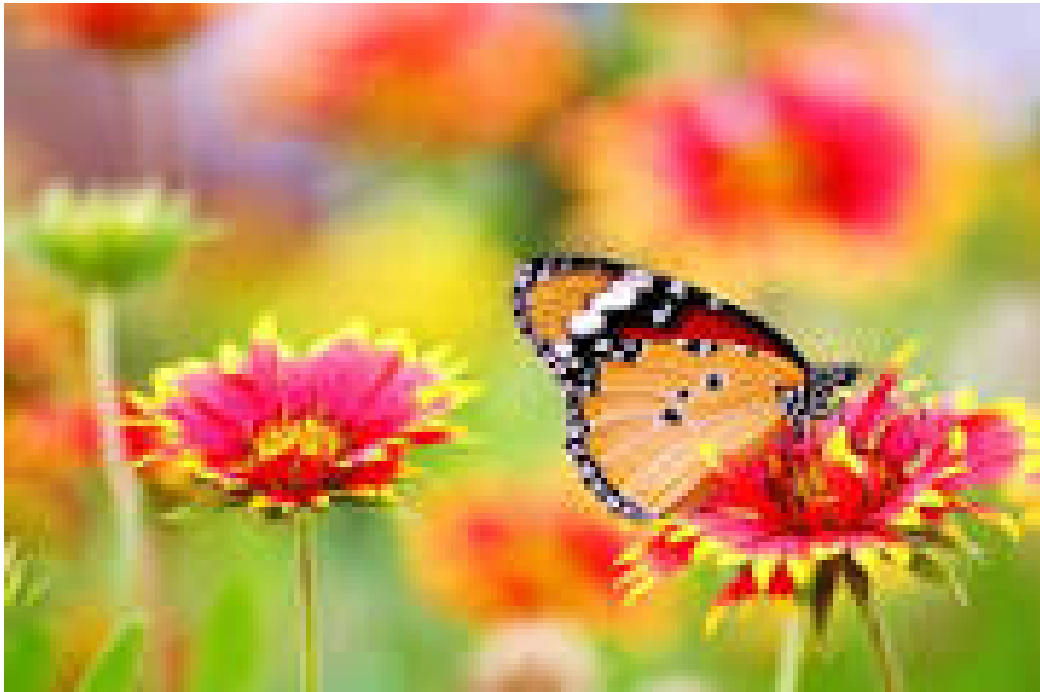


Figure 4: Here is my image