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## 1- Heading

These are different type of headings. For headings we use # and space after #, and write our heading.

```
# Headings: heading 1
## Headings: heading 2
### Headings: heading 3
#### Headings: heading 4
Code is executed below:
```

Headings: heading 1

Headings: heading 2

Headings: heading 3

**Headings: heading 4**

and so on

## 2- Block of Words

This is normal text in markdown.

```
>This is block of Speacial Text. For text like below we use > sign before text.
```

```
This is second line by double clicking the enter.
```

### 3- Line Breaks

This is 40 Days long course on Data Science with python.

```
This is second line.(Double enter)
This is third line with back slash.
```

Example:

```
(Previous Line) one enter
(Next line) second enter
this is secondline.(Double enter)\
this is third line due to slash in the end of previous line
```

### 4- Combine Two Things

Block of words and headings.

```
>## Heading 2
```

Example:

## Heading 2

### 5- Face of text

```
*Italic*
**Bold**
***Bold And Italic***
```

Executed Form:

*Italic*

**Bold**

***Bold And Italic***

Or I can also you these symbols

```
_Italic_      (One Underscore)
__Bold__     (Two Underscores)
___Bold And Italic___ (three underscores)
```

**Executed Form:**

*Italic* (One Underscore)  
**Bold** (Two Underscores)  
***Bold And Italic*** (three underscores)\

## 6- Bullet Points / Lists

Bullet Points:

```
- Day 1
- Day 2
- Day 3
- Day 4
- Day 5
  - Day 5 (sub-lists)
    - hi
- Day 6
```

Executed Form:

- Day 1
- Day 2
- Day 3
- Day 4
- Day 5
  - Day 5 (sub-lists)
    - hi
- Day 6

Numbering of lists:

```
1. Day 1
2. Day 2
3. Day 3
  1. Day 5a
  2. Day 5b
4. Day 4
5. Day 5
```

Executed Form:

1. Day 1
2. Day 2
3. Day 3
4. Day 2
5. Day 3

1. Day 5a
2. Day 5b
6. Day 4
7. Day 5

(automatically detect numbers mistakes)

## 7- Line breaks or Page breaks

```
line after this block is made by ---
```

```
Line after this block is made by ***
```

## 8- Links and Hyperlinks

### Only Link:

```
<https://codanics.com/courses/python-ka-chilla-for-data-science-40-days-of-python-for-data-science/lesson/who-is-a-data-scientist/>  
< is used in this code for make the link in the notes
```

<https://codanics.com/courses/python-ka-chilla-for-data-science-40-days-of-python-for-data-science/lesson/who-is-a-data-scientist/>

### Hyperlink :

```
Hi for 40 days python chilla course  
[ClickHere](https://codanics.com/courses/python-ka-chilla-for-data-science-40-days-of-python-for-data-science/lesson/who-is-a-data-scientist/)
```

Hi for 40 days python chilla course [ClickHere](https://codanics.com/courses/python-ka-chilla-for-data-science-40-days-of-python-for-data-science/lesson/who-is-a-data-scientist/)

### When using the hyper link again and again

```
[Codanics]: https://codanics.com/courses/python-ka-chilla-for-data-science-40-days-of-python-for-data-science/lesson/who-is-a-data-scientist/
```

[Codanics](https://codanics.com/courses/python-ka-chilla-for-data-science-40-days-of-python-for-data-science/lesson/who-is-a-data-scientist/) is used here as a hyper link due to the (colon after the Codanics) in the previous code.

**But if I want to give the link to another name:**

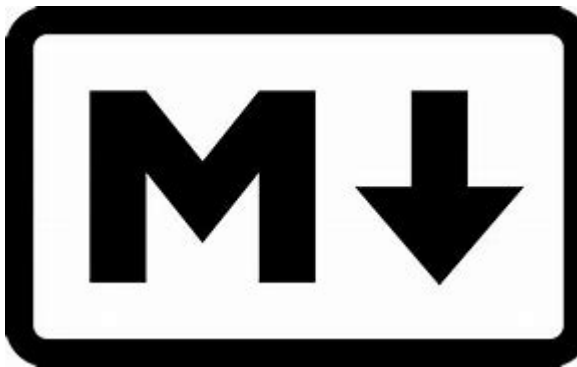
```
[Shaheer][Codanics] is the student of codanics.com.  
He learns now Day 5 lecture of python ka chilla.
```

Shaheer is the student of codanics.com. He learns now Day 5 lecture of python ka chilla.

## 9- Images and Figures with link

**1. For opening picture in the markdown language we use the following method:**

```
![picture.name](image_name_stored_in_the_folder||image_path_directly)
```

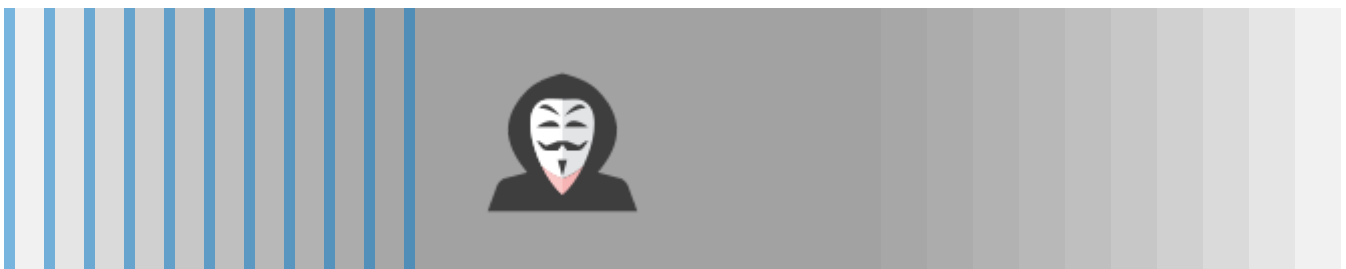
**2. For opening the picture direct from internet link:**

```
![picture.name](image_link)
```

**3. But if you want to give link to a picture then use the following syntax:**

```
[![Imagename](image_link)](link_to_hyperlink)  
>example is as follows:
```

Click this image to open my website



Assignment : How to comment out a markdown line? and its shortcut.

# 10- Adding code or code block

For adding a line of code we use ``

For example:

```
`print("Shaheer Ali")`
```

For adding a block of code we use three ` like ``` one both ends of code.

```
#I have used ``` block of code ```language_name here for showing the syntax colour of representative language.

x="Shaheer Ali"
print(x)
#or directly we can write here name to print
print("Shaheer Ali")
```

We must show bock of code like above.

# 11- Adding Tables

```
Column A | Column B | Column C
-----|-----|-----
A1 | B1 | C1
A2 | B2 | C2
A3 | B3 | C3
```

Executed Above Code:

Column A	Column B	Column C
A1	B1	C1
A2	B2	C2
A3	B3	C3

# 12- Install Extensions

- 1. Markdown All in One
- 2. Markdown pdf
- 3. Markdownlint
- 4. Markdown Shortcuts