

# Table of Contents

---

- 1- Headings
- 2- Block of words
- 3-Line Break
- 4-Combine Things Together
- 5-Face of text
- 6-Bullet list
- 7-Number list
- 8-Line break & Page break
- 9-Link and Hyperlink
- 10-Image and figure with links
- 11-Adding table
- 12-Alignment in tables
- 13-Code / Block of Code

## 1. Headings in Markdown

---

There is 6 types of headings in markdown.

### Heading 1

---

- type # and then enter " space " and type your heading text like " Heading 1 ".

### Heading 2

- type ## and then enter " space " and type your heading text like " Heading 2 ".
- Heading 2 can have subheading of Heading 1.

### Heading 3

- type ### and then enter " space " and type your heading text like " Heading 3 "
- Heading 3 can have subheading of Heading 2.

### Heading 4

- type #### and then enter " space " and type your heading text like " Heading 4 ".
- Heading 4 can have subheading of Heading 3.

## 2. Block of Words

---

This is the normal text.

- For example: Hello

This is a blockquote (special text).

Hello

- when we type " > " we get a blockquote.
- we type double time enter to get a new line or text on next line.
- you can see the special text that is in the blockquote in the preview window.

## 3. Line break

---

-- This is a line break

- Line break is done by using double times enter.
- Line bread is created by using the symbol " \ ".

This is first line. This is second line.

- Type " \ " and then enter to create a line break.

This is first line.  
This is second line.

## 4. Combine things togethor

---

### 4.1 Combine two things

- Combine two things like " block of words " and " heading ".
- It means that you can combine two things together.

**For example:**

- This is simple Heading 2.

### Heading 2

- This is Heading 2 with block of words.

### Heading 2

- Block of words means this " Heading 2 " is showing in a highlighted bar by using the symbol " > ".

### 4.2. Combine three things

Combine three things like block of words, heading and list

### Heading 2

- List item 1
- List item 2

## 5. Face of text

---

### i) **Bold**

**Bold** - by using double asterisk " \*\* "

**Bold** - by using double underscore " \_\_ "

### ii) *Italic*

*Italic* - by using single asterisk " \* "

*Italic* - by using single underscore " \_ "

### iii) ~~Strikethrough~~

~~Strikethrough~~ - by using double tilde " ~~ "

### iv) Superscript

superscript - by using the symbol " ^ " e.g.  $2^3 = 8$

### v) Subscript

subscript - by using the symbol " ~ " e.g.  $2_{\sim 3} = 1/2$

## 6. Bullet list

---

we can use three symbols for bullet lists:

- by using " - "
- by using " \* "
- by using " + "

- List item 1
- List item 2
- List item 3
  - List item a
  - List item b
    - List item 1
- List item 4

if we create **bullet for sublist of list**

- we use one time **tab** key and then - / \* / +.

if we create **bullet for sublist of sublist**

- we use two time **tab** key and then - / \* / +.

## 7. Number list

---

Number list is created by Writing " 1. " at first of list item.

1. List item 1
2. List item 2
3. List item 3
  1. List item a
  2. List item b
  3. List item 1
4. List item 4

## 8. Line break / Page break

---

we can you three symbol to create line break / page break:

- by using three underscore " \_ "
- 
- by using three hyphen " - "
- 
- by using three astrick " \* "
- 

## 9. Link and Hyperlink

---

a) Direct Links and Hyperlinks :

- **Direct link** means showing the complete address of the website.
- we can paste direct link or hyperlink by using " <> " symbol.
- For example: <http://www.google.com>

```
<http://www.google.com>
```

b) Text/channel name as a link :

- Write the text/words in Square brackets [] and then paste hyperlink by using " () " symbol.
- For example: [Google link](http://www.google.com)

```
[Google link](http://www.google.com)
```

### c) Key of link

1. Write the text/words in **Square brackets** `[]`, type **semicolon** `:` then paste hyperlink .

◦ For example:

```
[Youtube]: http://www.youtube.com
```

2. `[]` and then type the key of the link.

◦ For example:

```
To open the Youtube link click [here][Youtube].
```

3. Join the point 1. and 2.

```
[Youtube]: http://www.youtube.com  
To open the Youtube link click [here][Youtube]
```

### **Result:**

This type of link is called key of link.

To open the Youtube link click [here](http://www.youtube.com)

## 10. Image and figure with links

---

Same like link of channels and hyperlinks.

To insert image in markdown

### 10.1 Method # 1: Make the text as hyperlink of image.

1. Download the image in your computer.
2. Type the image name in `[]`.
3. paste the image path in `()`.

### **For example:**

[Goggle](#)

- This will make the image name as a hyperlink of image.
- You click on the image name and open the image.

### 10.2 Method # 2: Insert online image in markdown

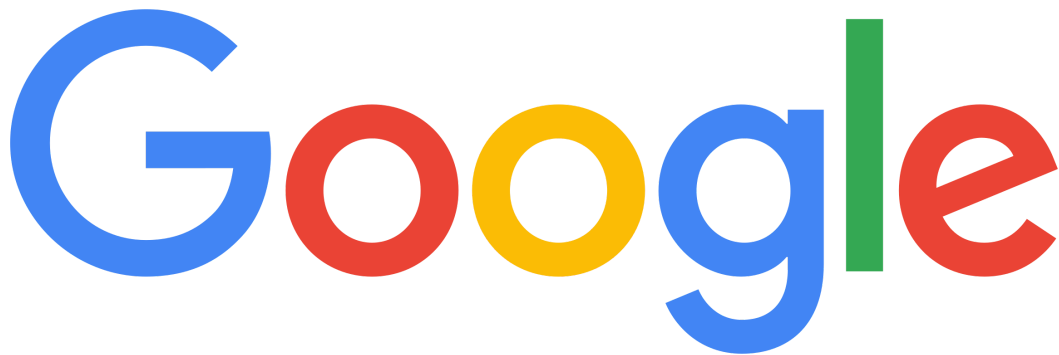
1. Add symbol of " ! " before brackets

e.g. **![image name]**.

2. Type the image name in [ ].

3. paste the image path in ( ).

**Result:**



## 11. Adding Table in Markdown

---

- we can creat table in markdown by using **\*\*\* | " \*\***.
- This symbol " | " is called pipe symbol.
- We cab separate the column in table by using **\*\*\* | " \*\***.

### Steps to create tables:

1. Create a table by using pipe symbol.
2. Separate the each **Cloumn name** by using pipe symbol.
3. Write the first column name and type " | " and then write the second column name and type " | " and so on.
4. In the second row type dash symbol " ---- " instead of column name.
5. In the third row type the data of each column and separate by using pipe symbol.
6. so on.

For example:

```
| Roll no. | Name      | Age | Marks |
| ----- | -
| 1 | Taha      | 21  | 80    |
| 2 | Bilal     | 22  | 90    |
| 3 | waleed    | 25  | 60    |
| 4 | Naseer    | 20  | 84    |
```

- It is not necessary that pipe symbol to have same width of column but has same no. of column.

Result:

Roll no.	Name	Age	Marks
1	Taha	21	80
2	Bilal	22	90
3	waleed	25	60
4	Naseer	20	84

## 12. Alignment in tables

We can use `***` : `" **` to align the text in table.

12.1 left Alignment

- Wirte `" :` on the left side of second row on each cloumn before dashes symbol `" ---- "`

Roll no.	Name	Age	Marks
1	Taha	21	80
2	Bilal	22	90
3	waleed	25	60
4	Naseer	20	84

12.2 Right Alignment

- Write `" :` on the right side of second row on each cloumn before dashes symbol `" ---- "`

Roll no.	Name	Age	Marks
1	Taha	21	80
2	Bilal	22	90

Roll no.	Name	Age	Marks
3	waleed	25	60
4	Naseer	20	84

## 12.3 Center Alignment

- Write " : " on the both side of dashes symbol " ---- " of second row on each cloumn.

Roll no.	Name	Age	Marks
1	Taha	21	80
2	Bilal	22	90
3	waleed	25	60
4	Naseer	20	84

## 13. Code / Block of Code

- We create a block of code by using `""" """`.
- This symbol `"""` is called code backtick.

For example:

```
"""  
x = 10  
y = 20  
z = x + y  
print(z)  
"""
```

Result:

```
x = 10  
y = 20  
z = x + y  
print(z)
```

- We can also add code by using double time press tab key.