**IDE Installation**

**25-02-2025**

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**IDE (Integrated Development Environment)**

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-> There are number of IDEs for python Fullstack development:

 1) PyCharm

 2) VS Code

 3) Sublime Text

 4) Jupyter Notebook etc.

**PyCharm Downloading & Installing into computer:**

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PyCharm ==> JetBrains

-> JetBrains has given two options for PyCharm:

 1) PyCharm Professional -> 30 day free trail

 2) PyCharm Community Edition

 -> free

 -> Open source

Download PyCharm Software:

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1) Open the browser

2) Search about "PyCharm download"

Instead of above steps, use the below link to navigate into the PyCharm Download page.

 "https://www.jetbrains.com/pycharm/download/?section=windows"

3) According to your system configurations,

 you can start download the "PyCharm Community Edition".

Installing of PyCharm Software:

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1) After the downloading of the PyCharm, we can run that downloaded file to start install by click on that file.

2) click on "yes".

3) click on "next"

4) click on "browse" and select the folder where you want maintain PyCharm Practice.

then click on "ok".

5) click on "next"

6) select "create desktop shortcut".

and also select "Update PATH Variable" then click on "next".

7) click on install.

8) Click on "finish".

**Setup on PyCharm Software:**

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1) Changing of the Theme:

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 click on customize

 In Appearance,

 Theme: select your theme

2) Changing the Font:

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 click on customize

 In Accessibility,

 IDE Font,

 select your font

3) Create the Project:

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 1) go to projects

 2) click on "new project"

 3) in "Location, click on browse option, to select the location for the project

 4) after that, add the project name like:

 location\Project-name

 5) then click on "create"

4) Add sub-folder into the Project folder:

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 1) Select your project folder

 2) Right click on that folder

 3) go to "new"

 4) Click on "Directory"

 5) Enter the title of the directory then hit enter button

5) Creation of Python file into folders/sub-folders:

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 1) Select the folder/sub-folder

 2) Right click on that folder

 3) Go to new

 4) click on "python file".

 5) Enter the title for that python file without '.py' extension and then hit enter

Static Program in PyCharm:

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# WAP in python to find the sum of two numbers

a = 121

b = 222

c = a + b

print("The sum of ",a,"and ",b,"is = ",c)

Dynamic Program in PyCharm:

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# WAP in python to find the sum of two numbers

a = int(input("Enter the value for a:"))

b = int(input("Enter the value for b:"))

c = a + b

print("The Sum of ",a,"and ",b,"is = ",c)