\* if we write code in new line then that print in new line.

print("hello world

!!!! its new program")

\* we can use multiple quotes in print statement

print('hi"'+ "i am begginer'")

\* if \ use with someone else then that will neglecd.

\* triple double cotes(""" """) use to print multiline string.

\* %d use to print value in print statement or it we need to use '%' before variable ,after " ".

\* {0:d}-in curli braket '0' represent index and 'd' represent data type.

print(" {0:d} and {1:d} andd {2:d}" .formet(7,8,9))

\* import datetime library for date and time info

date:

cd=dt.date.today()

print(cd.strftime('%d %B %Y'))

%A for day of the week

%m use for month in number

%B use for month full name

%b use for month short name

%y use for year in 2 digit

%Y use for year in 4 digit

strftime('')-use for print only date

strptime('')-use for convert string into date-time format

bd=input("date: ")

bd=dt.datetime.strptime(bd,"%d %m %Y").date()

\* if we use .date after converting statement then we cann't use %B as a month we need to use %m for month.

\* If we not use strftime and print direct date\_variable then print 0:00:00 default time.

\* if we want difference b/w two date then use .date() func in both dates except today.

time:

#for current time

ct=dt.time.now()

print(dt.datetime.strftime(ct,'%H:%M'))

\* Graphics:

turtle:

import turtle class

turtle.forword()- to create(new) line

turtle.direction(left/right)(angle)- at which angle line will move

\* List:

\* positive index- start with 0 to n-1

\* negative indexs- start with -1 to (-n)

\* we can remove value by their index- del list\_name[index]

\* list\_name append[] use to add value

\* list\_name remove[] use to remove value

\* for x in guest:

print(x)

\*

\* file:

\* file= open(file\_name, access mode)

\* acces modes:

'w'= write

'r'= read

'a'= append

'w+'= read/write

\* file\_name.write("data which you want to put in file")

\* file\_name.close()

\* .CSV- comma-separated values

\* data store as record and comma break record into two coloum

\* to write file:

\* file\_name="file\_name.format"

\* variable=open(file\_name,access mode)

\* variable.write("msg")

\* if we open file then make sure close the file by variable.close().

\* to read file:

\* to print data with square braket with txt file to use by csv method:

\* imoprt csv

\* with open("temp.txt","r") as temp:

allfile=csv.reader(temp)

for crr in allfile:

print(",".join(crr))

\* if we direct print crr then square braket will show:

\* for crr in allfile:

print(crr)

\* we use readline to read only one line.

\* function:

\* we define function before calling otherwise their will be function not define.

\* first define function then call.

\* in the case of nested function calling, we can define function after calling.

\* syntax:

\* keyword def use to define definition

\* then function name and parenthisis and colon

\* write code/information and at last use return to close function.

\* we can pass function in function calling.

\* exception handing:

\* import sys class.

\* we use try and except block:

\* if any error occur in try block then except block will execute.

\* to get error name we use, error= sys.exc\_info()[0], and we can display error.

\* if we know error name then we can use as a:

\* try:

do somethink

\* except error\_name:

do somethink

\* except:

do somethink

\* if we want to exit by error from program then we can use sys.exit(),it use in except block.