**Nested Function:**

mam_py 
1 • def 
2 
3 
4. 
5 
6 
7 
8 
9 
sample (message) : 
print(" \nOuter Funcyion 
data_message ( ) : 
def 
print("lnner Function 
data_message ( ) 
sample ( " Hello" ) 
: " , message) 
: " , message) 
#data_message function does not have message value 
# But parent function has the value, so it will print] 
input 
Outer Puncyl on 
Inner Function 
He I I o 
Hello 
. Program fini shed 
ress ENTER to exit 
with exit code O 
console . 

**Partial Function:**

mam_py 
1 
2 
4 
5 
6 
7 
8 
9 
10 
3 • def 
name - 
import 
partial 
from 
functools 
email_fn (x, y, c) : 
return 
input '\nEnter the name . 
partial (email_fn, name) 
# pass one argument (Partial) 
print(a ('@gmail'.'.com') ) 
v i gne sh 
ter the name 
vignesh@gmail . com 
. Program fini shed 
Press ENTER to exit 
with exit code O 
console . 

**Function concepts -->** In Gmail, you can give the email address as vignesh@gmail.com

**Partial function concepts -->** In Gmail, you can give the email address as vignesh & its automatically call [vignesh@gmail.com](mailto:vignesh@gmail.com)