```
replication demo program,
point (eval ('25')) # 25 (int)
point (eval ('10.8')) # 10.8 (+100+)
point (eval ('False')) # False (booi)
point (eval ('3+45')) # (3+45'). (complex)

point (eval ('Hyd')) # 'Hyd'

point (eval ('Hyd')) # 'Hyd' (str)
point (eva 1 ('3+4*5')) # 23.
pint (eval ('[10,20,15, 18]'))#[10,20,15,18] (1154)
print (eval ('$10,20,15, 18, 20,12,183'))
                      # {10,12,15,18,203
print (eva, ('10,20,30)'))# (10,20,30) (t4ple)
Print (eval(", $ 10: 'Hyd', 10: 'set'3"))
                      # { 10: 'sec' 3 (dict)
Print(eval(4+s)) #9
# Tricky program
# find outputs (Home 2008)
Print (eval (" 'hyd' ")) # hyd'
 hyd = 'sec.'
Point (eval ('hyd')) # 'sec'
 Sec = '25'
 Point (eva 1 ('sec')) # 25'
 Print (eval(sec)) # 25
 CYb = 10.8
 bo, ut (6 NO 1 (, CAP, )) # 10.8
 Print (eval (cyb)) #
                                         Page No.
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Date :.....

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# Tricky Program
 # Find out (Home work).
  Point (eval ('Point ("Hyd")')) # Excob.
 # Find outputs (Home DOXK)
 point (boo! ('False')) # Tou ?
 Print (evai ('faise')) # Faise
 Point (6001(")) # False
 Point (eval ("")) #
 Print(eval(")) # E8608
 Point (eva (('""))) # "
 Point (eval('')) # 16000.
# what is the advantage of evallinputch;
x = eval (in put ('Enter any input:')) # 25
Point (type(x)) < class int>
Point (x) #25.
# what is a better approach to read string
a= input ( 'Enter any stoing: ) # 'Hello'
Print (1en (a)) # 4
print (a) # Hello
b= & eval(input ('Enter any string: '))
point (len(b))
p8"n+(b)
```

```
# SP asgument demo program (Home work)
a, b, c = 25, 10.8, 'Hyd'
point (a,b,C, sep=',') # 25, 10.8, Hyd
print (a,b,c, sep = 'H') # 2527ab>10.827ab>Hy
print laib, c, sep='---)# 25--- Hyd
prin + (a,b,c, sep = 'In') # 25.
print (a,b,c) # 25 10.8 Hyd (default)
print (a,b,c), separator = ': ') # Error
# Find outputs (Home works)
a=b,c=25, 10.8, 'Hyd'
print (a,b, c, & nd = '...') # 25 108 Hyd --.
print (a,b,c, sep=',,,) # 25,,, 10.8,,, Hyd In
psint(a,b, c, sep':..., end='|+|+|+')# 25:... 10.8:... Hyd
Prin+(a,b,c) # 2510.8 Hyd
Find Outputs. ( Home wook)
P&in+ ( 'bk#') + Hyd +
Poin try
Point ('sec') # sec +
Print()
bain+ (, cλp.) # (λp.
# Find outputs (Home work)
 ·l=[10,20,30,40]
 t = (10,20,30,40)
 5 = {10,20,30,40}
```

75

25

ing :

```
Point (1, t, s)
 PENT ( l, t, s)
# [10, 20, 30, 40] (10, 20, 30, 40) [10, 20, 30, 40]
 # find outputs (Home work)
 a= 25 money borns
  b = 1/0 f' % a
 PS:nt( $$PECS) # 25.000000.
 x = 10.8 / secb) # 2 class 's18'
y='%d'%x
Point(y) #10
Print(type(y)) # < class's+x'>
 m=[10,20,15,18]
 D= %5 - % M
 P8 in t (n) # [10,20,15,18]
 print. (typecn) # 2 class 'sto's
# Find outputs ( Home wook)
9= 10,9274.
Point('9, 8.2f' %00) # 13 spaces > 10.93
Print ('%, 9.11' %, a) # (5 spaces > 10.9
Point (%.10.3+' %a) # <4 spaces> 10.927
P&'In+('% 2f' %09) #103
Point ('o/, 6+' %, a) # 10,927400.
Print ( 1/6 f' % a) # 109 27 400
```

Find outputs (Home wook) a= "Hyd" 0' ('%75' %a) # 14 Spaces>Hyd. po"/t ('% -75'% a) # Hyd24 8paces> print ('9025' %a). # Hyd and ignores ismaller winth. point ('% s' % a) # Hyd print ('%s', a) # %s Hyd print ('%5', a) # E0808 18'int('%s', %a) # EXXOX

find outpus (Home work) a= [10,20,30,40] Print(%, S' %a) # [10,20,30,40] Print ('%s', a) # %s [10,20,30,40] 18'm+ ('%s' a) # Exxox Point ('%s', %a) # Exxox 18int ('%1' % 9) # Exx08 Ps,nt(a) # [10,20,30,40]

print (a) # Hyd.

Find outputs (HOME wootkin)

a=25

b = 10.9274.

C= 'Hyd'

P8 int (% od % of % s', % (a,b, c)) # 25 10.927 400 400

Ps'int ('10; %g 105' 10 (a,b,c)) # 25.10.9274 Hy

Point (%s %s %s %s % (a,b,c)) # 25 10.9279 Hyd

Point ('%d %g %s', a,b,c) # 1/d %g % 25 10.9274

Point (%, d %, g %s' a,b,c) # E0008.

Print (10d 109 105, % (a,b,c)) # ExxOX

Point "od "log "os" "o a "o b % c) # FOXOX

Doint ('%d' %a, '%f' %b, %s'%c)

25 10.927400 450