T. Ramonjaneguly Home work 1) # floot object demo Program a = 10.8 + A Pet à points to object 10.8 Print(a) -> # to. # value of object à i.e 10.8 Print (Type (a)) - > Hot Enticlass Hoot's Print (id (a)) > # Address of abject a THE REAL POPULS to abject 25. Print (b) H value of object 's' i.e. 25. Print (type(2)) Type of object's 2 class floats c = .689 Pet ic points to object, 689. # 55n + (c) A volve of object c'i.c. 689 d = 3.4 E 2 ># #c+ i points to 3.4E2 Print(1) (, ) # value of object d'i.e 3.4 \*102 Print (Lype(d)) H Type of object d'in ciclais Flod) e=9.62e-2 1/1 Ret e' pornts to 9.620-2 Pront (e) Posnt (9.8.2) —) # Emmay & 11 (or)
110-1 (lass) ># value of Object e 1.e 9.62\*10-2 2) # Complex Object demo program Host class value a=3+41 > # Ret a points to object 3+4j Print(typean) # value of object à i.e. 3+4j
me 1 (....) # Type of object à i.e celais complexs
montre Pront(id(a)) > # Address & object a i.e < may be Frank (a. steal) # Red -0.1/1 hours, # Value of complex number <3.07 Print (b. 'imag) -> # Zmag value of complex number 24.07 -) # 40 PECOS smag is after !. Print (3-449) 7 # No due to?i

The No becaz imag is missing Print (4+1) Pront (4+11)

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print (4+0i) -1 # 24+01> a= 6j -1 # fet a pants to 6j pant (a) -1 # volue of object i.e 6j print (typea)) -) HType of object a reclass

print (a red) - "Complex mules print (a. Hed) - 1 H Real value of complex number Print (a. 9 may) ~ H Zmag value of Complen number Print (Iti6) — # NO becot amag is ofter;"

print (4+i) — I# NO becot amag is ofter;" print (3+41) -1 # No due to ?! Print (4+11) -1# <4+11> Pfut (4+0i) - # 24+0i> 1) book object demo program a= True H Assign reference à to the bool class Print (a) -the votice of book! class object Tome" print (tupe(a)) > # Tupe of object see 2 class bods Print (id (a)) + # Address of object a' 2 may be bi False)# Ret b points to book class object Phut (b) > A book "Class object False" False" PRut (type (b)) + # Type of object i.e < class books PRuf (True + True) - H True = 1 = 1 Kesult Ps 1+1=2 Print (True + Folse) - ) # True = 1, Folse = 0 Result -1 1+0 = 1 PRut (False + True) - 1 # True = 1, False = 0 Result -1 0+1 =1 Print (False) -) # False = 07 Result 0+0=0

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Print (True+True+True) -1 # True=1 Result => 1-+1-3 Print (2r+10.8+True) -> # True =1 Result 25+10.8+1 point (True > Folse) -1 # True =1, Folse =0 Result ? 2 "True" Print (True) \_\_\_\_\_ # book class object True" Prent (False) # book class object False PrBut (true) 7 # EAMON due to do not T-as 1. Prhut (false) THE ESTROST dave to do not Frag "j" 5) Frud outputs a = 006247 - ) # Ret à possits to object # 6x87+2x82+4x8/F7x8° 75072+118+32+7 Print(type(a)) => # Type of object (a) 1.e print(id(a)) -> # padaness of object of i.e b = 006247 + # Ret'b' posuts to 06Ject '006247" Print (199(PI)) is the Address of OPJen Pile pront(b) — # value of Object b'i.e 3239'

pront(c) — # value of object 3239 gut dass"

pront(c) — # value of object c' 1.8 3239

pant (1dE)) -> # Address of object c' i.e pant (009240) . . . Long be 1000> PRAT (009248) -1 # Esmos due to .9,8 6) Fand outputs 9 = 0XA789-14 Pet a' populs to object 0XA7B° Print(a) -1# value of Object à i.e 4# 10×163+7×167+11×16,+ 8×160 =)#140960+1792+176+9 4# 42937 Print (type(a)) -1 # Type of objection 1.e b = 0xBEEF -) # Rof'b' posints to object 0xBEEF Print(b) - ) # value of object b" i,e 4 # 11 X163+14X163+12X160 JH 42026+328A+55A+12 -1 # U8,879 Print(A789) - 1# Essag due to do not mentioned prior "Ox" PRN+ ('A7B9') - 1# Result is 'A7B9' string PANT (OXBEER) -) # Exnog due to wed "R" THE ENDON due to use of y" Phut (OXA769B) -> # Esono7 Lue to use of "G"

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7) Find outputs a = 9248-1# Ref of possuts to Object 9248 Sur's pfint(a) — # value of object at 1.e 9248 Pront(type(a)) -> # Type of object is cobsider's