```
# float object demo program (Home work)
 a= 10.8 x 3 19 mon 10 21 m 14 14 14 15
 print (a) #10.8
point (type(a)) # < class 'float'>
Print (id(a))
b = 25
 Print(b) #25.0
 Print (type (b)) # L'class 'float's
               O. H # (pami, D.) +11.0
 C = .689.
 Print(c) # 0.689
 d = 3.4E2 # Mantissa, - exponent number:
               3.4 x 10^2 = 340.0
 Print(d) #340.0
 Point (type(d)) # (class 'float')
           and find outputs ( Home too
 e= 9.62 e-2 # 9.62 x 101-2 = 0.0962
 Print(e) # 0.0962
  ( ) x3(q(n)) 1 22 013 & the ((n)) 3(4) ) have
```

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range (co. the part of the part of the part

60 F3 1 18003X V 18 (35 6 00 X 18 4)

```
# complex object demo program
                                    # 800
a = 3+4; # a is a complex mumber
                                     a =
          (real = 3, imag = 4)
                                     Pair
 Print(a) # 3+4;
 Point (typecal) # L class 'complex's
 Paint (id(a))
 Print(a. 8001) # 3.0 + (3)310)
 Point (a. :mag) # 4.0
 Point (type (a. sea.)) # L class f. loat')
 Print (type (a.imag)) # 2 class 'floot's
                 (O) OHI. # (O) + old
         BALL ESPECIALLY # CLOSS "Floor &
# Find Outputs (Home wook).
 a = 6;
 Point (a) # 6; 200.0 10 (3) +016
print (type(a)) # < class complex'>
 print (a. real) # no real part.
 Print (a. imag) # imaginary part.
 print (5+36) # E8808 5+63
 Point (3+4;) # EXXXX is not defined
                       in Python
 point (4+3) # 3 is not derined
 p8:nt (4+13) # 4+13
```

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```
# BOOI Object demo program
       a = Tour Soul to avenous
       Point (a) # Tout
       point(type(as) # & class bool'>
       point (id(a)) # The tour object
       b= false of the thedood ad
        Print(b) # false
       Print(+ypecb)) # 1 class bool's
        point ( Toue + Toue) = # 2
        Print (True + false) = 1 ()
        Print (faise + True) = 10000
        Print (false+ falge) = 0000)
         Print (Trave + True + True = 3.
         print (25 + 10.8 + True) = 36.8
        Print (True > Faise) #Troue (1>0)
        # decimal haday
               (Toue) # Toue. (D) Form
         Point
         point (false) # false.
               (true) # true is not defined
         d. Hav
         Point
               (faise) # faise is not defined
         488.90
         Point
                            CORTAL CON
defined
                80553 18
        C. 0300
```

CONTACT POR

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# Find Out puts mile a= 00 6247 # Exx00. FUST the CD) FAS Point (a) ed (type(as) m Point (id (a)) # find outpe b = 006247 # 00' is poefix

Point (id(b)) wind ( typecbs) to C = 3239. # pecima /
Point (C) 1 (9310) + 3001) + 1001 Print (b) Print (id(c)): (mort galoi) toll Print (009248) # [8008. 9 and) ase not valid # Find out puts Q = OXA 78 9. # decimal 42937
Print (a) # 42937 Print (typecas) # # < class "int'> b = 0xBEEF + # decimal 48879. Print (b) # 48879 Print (A7 B9) # E0008 A7 B9 15 Point ('A789') not desind PRINT (OXBEER) # EV808

print ( ox HYL Print (OX A7 print(a) Print Ltypea

## print (OX HYD) # E8808 Print (OX A769B) # E8808

# find Outputs (Home wook)

a = OXA 7 B 9 # decimal 42937

to vasiable a.

print(a) # output: 42937.

Print(type(a)) # 2 class "int's