# float object demo program (Home work) a = 10.8 AMOD BEST OF THE #10.8 print (a) print (type(a)) # < class 'float'> Print (id(a)) b = 25 Point (b) # 25.0 Print (type(b)) # L'class 'float's C = .689. point(c) # 0.689 d = 3.4E2 # Mantissa, - exponent number: 3.4 x 10^2 = 340.0 Point(d) #340.0 Point (type(d)) # (class 'float'>  $\ell = 9.62e^{-2} \# 9.62 \times 10^{4} = 0.0962$ Print(e) # 0.0962

Crafferon 1 22017 & to (18) Met to

trong room on the (worms) by

# complex object demo program.

a = 3+4; # a' is a complex mumber

(real = 3, imag = 4)

Print(a) # 3+4;

Print(type(a)) # 2 class 'complex'>

Print(id(a))

Print(a.real) # 3.0.

Print(a.real) # 4.0

Print(type(a.real)) # 2 class 'float'>

Print(type(a.real)) # 2 class 'float'>

Print(type(a.real)) # 2 class 'float'>

O.OY2.# (60) F

0.01 5 1 5 Ol X 1 6

# Find Outputs (Home wook)

a = 6;

Point (a) # 6;

Point (type(a)) # < class complex:>

Point (a. real) # no real part.

Point (a. imag) # imaginary part.

point (5+i6) # Exxox 5+6;

Point (3+4;) # Exxox is not defined in Python

point (4+i) # is not derined

point (4+i) # 4+1;

pxint (4+oi) # 4+0;

```
# BOOI object
 a = True some in preson
               # Toule
 point (a)
               # K Class 'bool'>
 point (type (as)
 print (id(a))
               # The tour object
 b = faise
  print(b)
             # fals &
 Print(+ype(b)) # L class bool's
 point (Toue + Toue) = # 2
 print (True + false) = 1 ()
 Print (Faise + True) = (10) 600
 Print (faise+ Faige) = OFGG) + and
  print (Trave + True + True = 3.
  print (25 + 10.8 + True) = 36.8
  point (Toue > Faise) #Toue (1>0)
 ESBSH 1001,000
        (Toue) # Toue.(0) +0,00
  point
        (false) # false.
  Point
       (toue) # toue is not defined
  Point
  point (faise) # Faise is not defined
  4188.79
                    CHATAT FIN
```

60000

27 39 34

\*

demo progod m

```
# Find Out puts
   a= 00 6247 # E8800.
           2005 H
   Print (type(a)) " (collage)
    point (id (a))
    b = 006247. # '00' ?s pretix
    Print (id (b))
    Point (b)
    C = 3239. # pecima /
Point (C) : (900) + 3003) + 1000
    Point (id(cb): (not + 32103) take
    Print (009248) # E8008. 9 and ?
          - oust to age not waild
  # Find out puts ( 1 & out 20) tolog
 a = 0x A 7B 9. # decima 1 42937
   Point (a) # 42937
   Print (type(a)) + # < class int'>
b = OxBEEF + # decimal 48879.
P8in+(b) # 48879
   Print (A7 B9) # E0008 A7B9 is
                  not defined
  Point ( 'A7 B9,)
  Print (OXBEER) # ED808
```

\$0883 # print ( ox HYP) PSIN+ (OX A7 G9B) # E8808 # find outputs (Home wook) a = 0xA 7 B 9 # decimal 42937. to vasiable a. print(a) # Output: 42937. Print (type(a)) # L class int's