

```
8 to find 000 at 7th day at 25°c
A for find Seray Confficient at 25°C
f * Continput femperature at 3rd day 800: '))
11 - ([cat([cput] "lesperature at 7th day 800: 1)
A Calculate dorsy unetformed for 25°C
E2 - C1 * (1 ea) ** (11 - 1))
Deleti*Duc value of L2 is *, C2)
e to first sittingto see
fis - theat(Espectionap at ted day (mg/t): "))
t - Cleat(impot( fime in days for B1: '))
# Calculate ( for 800 at led day

I = (1 - 2.718 ** (-(1 * 1))

print("for value of Day" . E)
A Dictage Bill calculation
fig. 0 = 61 / 1
print; "the diliente non (n_op is.", n_o)
8 to find 500 at 7th day at 75%
(1 - (Leat()cput)*(ine in days for $2 (7th day)- '))
# Calculate El for BOD at 7th day with adjusted decay coefficient C2
fi = (1 - 2.718 ** (-82 * (1))
print("the value of (1 is ", (1))
                                                      50 MANE
# Calculate 800 at 7th day
 62 = 6 0 * 11
frint("Inc value of $2 is ", $2, Seg/L")
 Temperature at 20°C; 0.21

Lemperature at 1rd day 000 78

Lemperature at 21h day 000 25

The value at 21h day 000 25

The value at 12 is 0.289351572825015

000 at 1rd day (mg/1) 50
       Time to days for $1 . !
The salve of (.1s. 0.49888804582143417
       The officeate move (m_u) is 100.1230/15585582

Time to days (m_t) (th day), 7

the value of (I is n.momolmo47811111

The salue of E2 (s. 87.0868655499411 mg/t
 # Determination of density of sludge removed from aeration tank
 8 Input walues
 M = float(input("inter" the value of initial mass (kg): ")) = 0 initial mass in kg
 5 - finallimput("Inter the value of solid containing sludge in percentage (%): ")) - # Percentage
 6s = float(input("futer the value of specific gravity of sludge valids.")) # Specific gravity
 0 \cdot n_2 \cdot d = \{lost(input("Inter the value of density of water (kg/m^*)) = *)\} # Density of water
 A Calculate mass of solid content in sludge
 Ws = (5 / 100) * M & Corrected calculation to get mass of solids
 m = M - ws # Mass of water
 print("The value of mass of water:", m)
 8 Volume of water
 Vu × n / fiho u
 print("The Value of Volume of water:", Vw)
  A Density of solid content in sludge
 Mio_5 < Go * Mho_W
 print("The value of Density of solid content in sludge;", Pho 5)
 A Volume of solid content in sludge
  Vs + Ws / 8ho_5
 print("The value of values of solid content in sludge;". Vs)
  F Total volume of the sludge mixture
  Vt = Vw + Vs
  print("the value of total volume of solid content in sludge;", bt)
  8 Density of sludge removed from paration
```