Q1

emp\_name = input("Enter employee name: ")

worktime = float(input("Enter work hour: "))

payrate = float(input("Enter pay rate: "))

fedtax = float(input("Enter federal tax withholding rate: "))

statetax = float(input("Enter state tax withholding rate: "))

gross\_pay = worktime \* payrate

fedtax\_div = (fedtax / 100)

statetax\_div = (statetax / 100)

fedtax\_finish = fedtax\_div \* gross\_pay

statetax\_finish = statetax\_div \* gross\_pay

total\_deduction = fedtax\_finish + statetax\_finish

net\_pay = gross\_pay - total\_deduction

print("Employee name: ", emp\_name)

print("Hours worked: ", worktime)

print("Pay rate :", "${:.2f}".format(payrate))

print("Gross pay :", "${:.2f}".format(gross\_pay))

print("Deductions: ")

print(f"\t Federal Withholding ({fedtax}):", "${:.2f}".format(fedtax\_finish)) print(f"\t State Withholding ({statetax}):", "${:.2f}".format(statetax\_finish)) print(f"\t Total Deduction:", "${:.2f}".format(total\_deduction))

print("Net Pay:", "${:.2f}".format(net\_pay))

Q2

num = input("Enter 4 digit int: ")

def reverse(z): return z[::-1]

reverse\_num = reverse(num)

print(reverse\_num)

Q3

from turtle import \*

length = int(input("Enter length: "))

for i in range(5):

fd(length)

right(144) done()

Q4  
from turtle import \*  
  
pensize(5)  
def upper\_row(radius):  
 for i in range(3):  
 if i == 2:  
 color("RED")  
 circle(radius)  
 elif i < 2:  
 if i == 1:  
 color("BLACK")  
 elif i == 0:  
 color("BLUE")  
 circle(radius)  
 penup()  
 forward((radius\*2)+(radius/3))  
 pendown()  
def lower\_row(radius):  
 penup()  
 goto(-100,0)  
 forward(radius+(radius/4))  
 right(90)  
 forward((radius))  
 left(90)  
 pendown()  
 color("YELLOW")  
 circle(radius)  
 penup()  
 forward((radius \* 2) + (radius / 3))  
 pendown()  
 color("GREEN")  
 circle(radius)  
  
radius = float(input("Enter the radius: "))  
penup()  
goto(-100,0)  
pendown()  
upper\_row(radius)  
lower\_row(radius)  
done()