PYTHON ASSIGNMENT: WEEK 3

1. Create function named Calculate\_discount (price,discount\_percent) that calculate the final price after applying a discount the function should take the original price (price) and discount percentage a (discount\_percent) as parameters. if the discount is 20% or higher , apply the discount otherwise ,return the original price

def calculate\_discount(price,discount\_percent):

    new\_price=int(price-(price\*(discount\_percent/100)))

    if(discount\_percent >=20):

        return new\_price

    else:

        return price

price=2000000

discount\_percent=20

print("The Original price:",price,"TSh")

if discount\_percent>=20:

    print("The percentage discounted: ",discount\_percent,"%")

else:

    print("percentage discount:0%")

print(calculate\_discount(price,discount\_percent),"TSh")

1. Using the calculate\_discount function prompt the user to enter the original price of an item and the discount percentage, print the final price after applying the discount, or if no discount was applied ,print the original price.

def calculate\_discount(price,discount\_percent):          #defining the fxn

    new\_price=int(price-(price\*(discount\_percent/100)))

    if(discount\_percent >=20 and discount\_percent<=100):

        return new\_price

    else:

        return price

price=int(input("Original price:"))       #allowing user to enter price

discount\_percent=int(input("Percentage discount:"))

#calling the fxn

print("Final price:",calculate\_discount(price,discount\_percent),"TSh")