1. def main():

print("This is a program to convert Celsius temps to Fahrenheit")

celsius = eval(input("What is the Celsius temperature? "))

fahrenheit = 9/5 \* celsius + 32

print("The temperature is", fahrenheit, "degrees Fahrenheit.")

main()

1. def main():

print("This program computes the average of three exam scores.")

score1, score2, score3 = eval(input("Enter three scores separated by commas: "))

average = (score1 + score2 + score3) / 3

print("The average of the scores is:", average)

main()

1. def main():

for i in range(5):

print("This is a program to convert Celsius temps to Fahrenheit")

celsius = eval(input("What is the Celsius temperature? "))

fahrenheit = 9/5 \* celsius + 32

print("The temperature is", fahrenheit, "degrees Fahrenheit.")

main()

1. def main():

print("This is a program to convert Celsius temps to Fahrenheit")

celsius = 0

for i in range(11):

fahrenheit = 9/5 \* celsius + 32

print("When it's", celsius, "degrees celsius, it is", fahrenheit, "degrees fahrenheit.")

celsius = celsius + 10

main()

1. def main():

print("This program calculates the future value")

print("of an investment.")

principal = eval(input("Enter the initial principal: "))

rate = eval(input("Enter the annual interest rate: "))

y = eval(input("Enter the number of years for the investment: "))

periods = eval(input("Enter the number of times the interest is compounded each year: "))

a = periods \* y

b = rate / periods

for i in range(y):

principal = principal \* (1 + b)\*\*a

print("The value in", y, "years is: ", principal)

main()

1. def main():

print("This program calculates the future value of investment.")

principal = eval(input("Enter the amount invested each year: "))

apr = eval(input("Enter the annual interest rate: "))

y = eval(input("Enter the number of years for the investment: "))

for i in range(y):

a = principal

principal = principal \* (1 + apr)

currentval = a\*i + principal

print("The value in", y, "years is:", currentval)

main()

1. def main():

print("This program calculates the future value")

print("of an investment.")

principal = eval(input("Enter the initial principal: "))

rate = eval(input("Enter the annual interest rate: "))

y = eval(input("Enter the number of years for the investment: "))

periods = eval(input("Enter the number of times the interest is compounded each year: "))

a = periods \* y

b = rate / periods

for i in range(y):

principal = principal \* (1 + b)\*\*a

print("The value in", y, "years is: ", principal)

main()

1. def main():

print("This is a program to convert Fahrenheit to Celsius")

fahrenheit = eval(input("What is the Fahrenheit temperature? "))

celsius = fahrenheit / 1.8 - 32

print("The temperature is", celsius, "degrees celsius.")

main()

1. def main():

print("This is a program that converts from kilometers to miles.")

dist\_km = eval(input("Enter distance in km(s): "))

dist\_mile = dist\_km \* 0.62137

print(dist\_km, "km(s) is equal to", dist\_mile, "mile(s)")

main()

1. def convert():

print("This program converts pounds to kilograms.")

wt\_pound = eval(input("Enter weight in pound(s): "))

wt\_kg = wt\_pound/2.2046

print(wt\_pound, "pound(s) is equal to", wt\_kg, "kilogram(s)")

convert()

1. #This is a simple calculator program

#Add, subtract, multiply, or divide

def add(x,y):

#Adds two numbers

return(x + y)

def subtract(x,y):

#Subtracts two numbers

return(x - y)

def multiply(x,y):

#Multiplies two numbers

return(x \* y)

def divide(x,y):

#Divides two numbers

return(x/y)

print("This is a simple calculator program.")

print("------------------------------------")

for i in range(100):

print("Select the type of operator you'd like to use:")

print("A.) Add")

print("B.) Subtract")

print("C.) Multiply")

print("D.) Divide")

user\_input = input("Select operator(A, B, C, D,): ")

if user\_input == "A":

num1 = int(input("Now enter the first number: "))

num2 = int(input("Enter second number: "))

print(num1, "+", num2, "=", add(num1,num2))

elif user\_input == "B":

num1 = int(input("Now enter the first number: "))

num2 = int(input("Enter second number: "))

print(num1, "-", num2, "=", subtract(num1,num2))

elif user\_input == "C":

num1 = int(input("Now enter the first number: "))

num2 = int(input("Enter second number: "))

print(num1, "\*", num2, "=", multiply(num1,num2))

elif user\_input == "D":

num1 = int(input("Now enter the first number: "))

num2 = int(input("Enter second number: "))

print(num1, "/", num2, "=", divide(num1,num2))

else:

print("Invalid entry, please try again.")

print("--------------------------------")