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# -*- coding: utf-8 -*-
"""
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"""

import math

print ("-"*11)

euros = 200
xchng = 1.09
dollars = round (euros*xchng, 2)

print ("Euros =", euros)
print ("Exchange Rate = ", xchng)
print ("Dollars = ", dollars)

print ("-"*11)

billed = 200
tip = 0.15
total = round(billed*(1+tip),2)

print ("Billed Amount =", billed)
print ("Tip = ", tip)
print ("Total Due = ", total)

print ("-"*11)

radius = 10
circum = round(2*math.pi*radius, 2)
area = math.pi*pow(radius, 2)
area = round(area, 2)

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print ("Radius =", radius)
print ("Circumference = ", circum)
print ("area = ", area)

print ("-"*11)

number = 21
remainder = number%2
isEven = remainder==0

print ("Number =", number)
print ("Number%2 =", remainder)
print ("Is number Even?", isEven)

print ("-"*11)

dollars = 259
dollarsLeftToBreak = dollars

num20s = math.floor(dollarsLeftToBreak/20)
dollarsLeftToBreak = dollarsLeftToBreak%20

num10s = math.floor(dollarsLeftToBreak/10)
dollarsLeftToBreak = dollarsLeftToBreak%10

num5s = math.floor(dollarsLeftToBreak/5)
dollarsLeftToBreak = dollarsLeftToBreak%5

num1s = math.floor(dollarsLeftToBreak/1)

print ("Dollar Amount =", dollars)
print ("Number of 20s = ", num20s)
print ("Number of 10s = ", num10s)
print ("Number of 5s = ", num5s)

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print ("Number of 1s = ", num1s)
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print ("-"*11)
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