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# Remote Access Course
 # Reroutes Your Web Traffic to Make it Look Like It's Coming From Somewhere Else
 # Often Used to Stage a Website in a Different Market
# SSH vs. Telnet vs. RDP:
# SSH-Secure Shell is the Most Secure of the Three, Provides Encryption of Data in Transit, Operates on Port 22, Server Mgm't Mostly
# Telnet is Dangerous! Not secured, and very old...like 1969 old
# RDP-Remote Desktop Protocol Windows Based, Just allows you to Remote in to another Windows Machine and See Everything
 # Step 4: Once Connected, Enter the Root Username: 0670240584
# Step 5: Enter Password: 8421534647
 import numpy as np
# x+y+z+w+v+u=Well Being Score
# Create Equation for Each Neighborhood
# Neighborhood A: 5x+4y+2z+4w+3v+2u=250
 # Neighborhood B: 3x+3y+4z+3w+2v+5u=210
# Sometimes You Need to Stop Everything Going on in the Background of a Web Page # An XSS Script Can Be Injected Into Web Pages and Cause Them To Malfunction
# Step 3: Define the Constants Vector (Well-Being Scores) B = np.array([250, 210, 270, 230, 200, 260], dtype=float)
 \# Step 5: Extract the Individual Values from the Solution Vector income_contribution = x[0] education_contribution = x[1]
 crime_rate_contribution = x[2]
 employment\_contribution = x[3]
 housing_contribution = x[4]
 healthcare_contribution = x[5]
print(A)

print(Nounknown Variables Vector (x):")

print("[Income Contribution (x)]\n[Education Contribution (y)]\n[Crime Rate Contribution (z)]\n[Employment Contribution (w)]\n[Housing Contribution print("\nConstants Vector (b):")
# Step 7: Complete Calculations
print("\nResults:")
print(f"Contribution of Income (x) to well-being: {income_contribution:.2f}")
print(f"Contribution of Education (y) to well-being: {education_contribution:.2f}")
print(f"Contribution of Crime Rate (z) to well-being: {erime_rate_contribution:.2f}")
print(f"Contribution of Employment (w) to well-being: {employment_contribution:.2f}")
print(f"Contribution of Housing (v) to well-being: {housing_contribution:.2f}")
print(f"Contribution of Healthcare (u) to well-being: {healthcare_contribution:.2f}")
 Results:
 Contribution of Income (x) to well-being: 9.74
 Contribution of Education (y) to well-being: 8.37
Contribution of Crime Rate (z) to well-being: 14.14
Contribution of Employment (w) to well-being: 31.81
 Contribution of Housing (v) to well-being: 4.93
Contribution of Healthcare (u) to well-being: -1.23
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