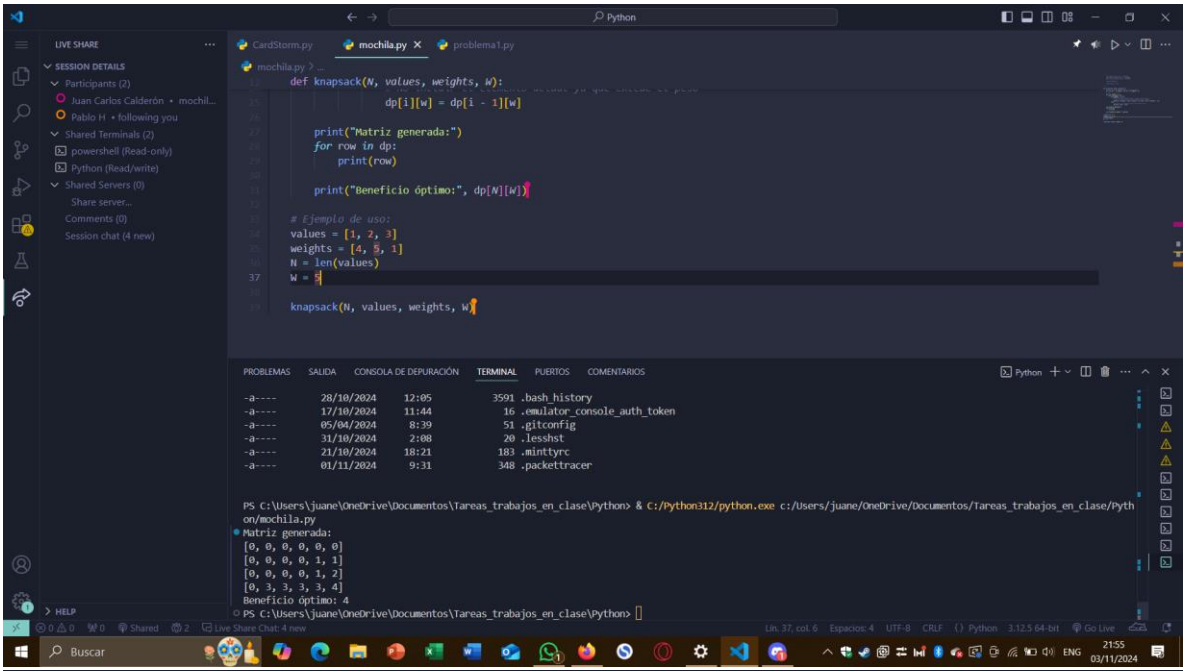
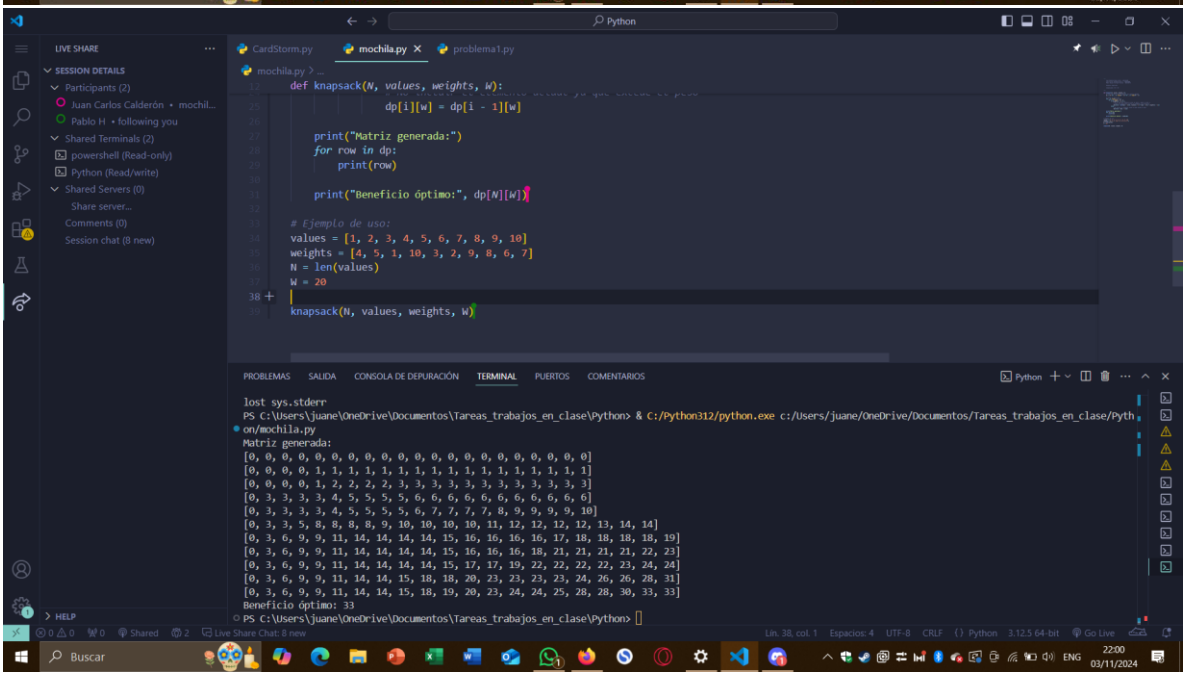
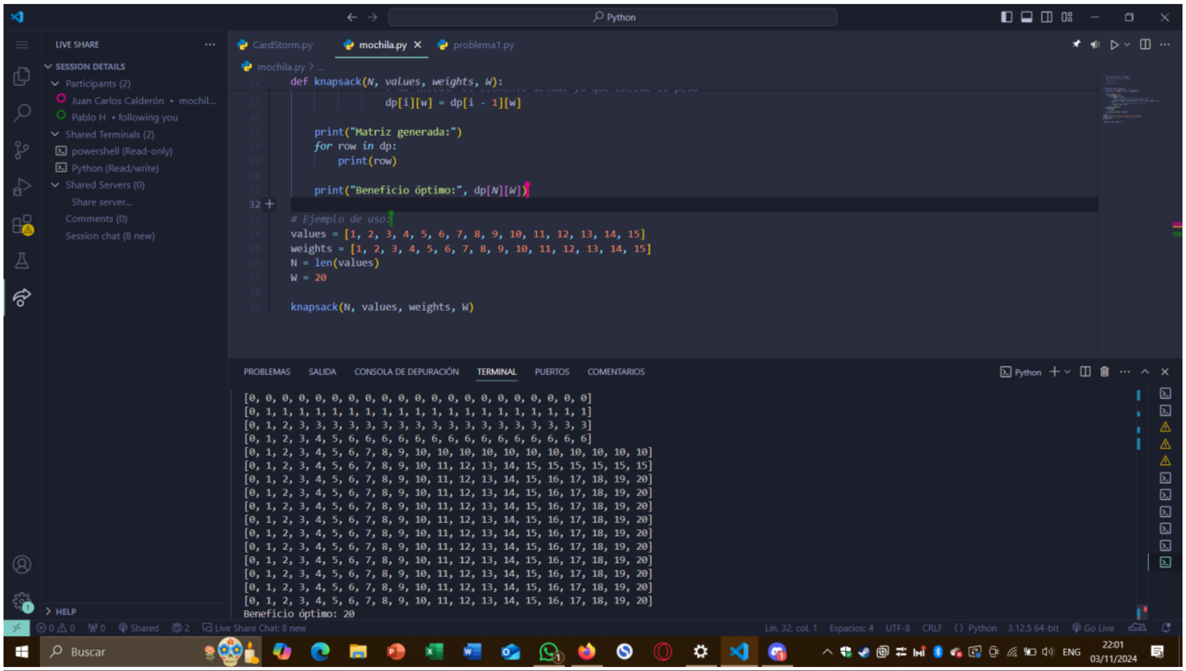
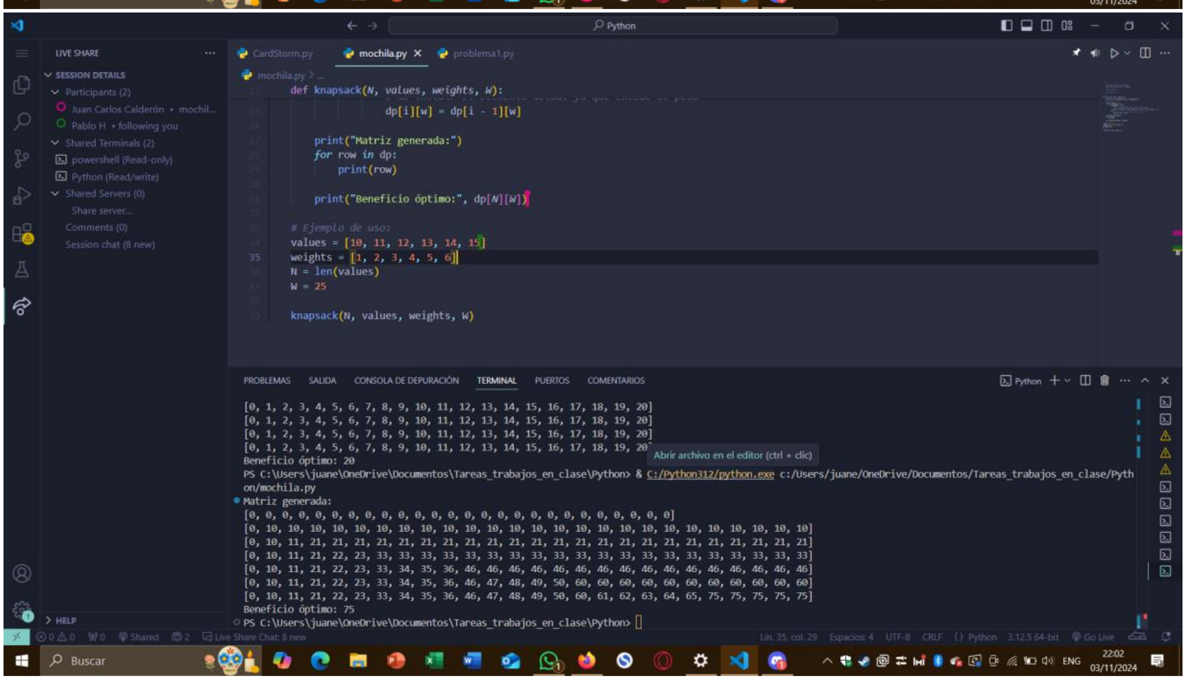

LIVE SHARE
SESSION DETAILS
Participants (2)
Juan Carlos Calderón • mochil...
Pablo H • following you
Shared Terminals (2)
powershell (Read-only)
Python (Read/write)
Shared Servers (0)
Share server...
Comments (0)
Session chat (4 new)
CardStorm.py
mochila.py
problema1.py
def knapsack(N, values, weights, W):
dp[i][W] = dp[i - 1][W]
print("Matriz generada:")
for row in dp:
print(row)
print("Beneficio óptimo:", dp[N][W])
# Ejemplo de uso:
values = [1, 2, 3]
weights = [4, 5, 1]
N = len(values)
W = 5
knapsack(N, values, weights, W)
PROBLEMAS
SALIDA
CONSOLA DE DEPURACIÓN
TERMINAL
PUERTOS
COMENTARIOS
-a---- 28/10/2024 12:05 3591 .bash_history
-a---- 17/10/2024 11:44 16 .emulator_console_auth_token
-a---- 05/04/2024 8:39 51 .gitconfig
-a---- 31/10/2024 2:08 20 .lesshst
-a---- 21/10/2024 18:21 183 .minttyrc
-a---- 01/11/2024 9:31 348 .packettracer
PS C:\Users\juane\OneDrive\Documentos\Tareas_trabajos_en_clase\Python> & C:/Python312/python.exe c:/Users/juane/OneDrive/Documentos/Tareas_trabajos_en_clase/Python/mochila.py
Matriz generada:
[0, 0, 0, 0, 0, 0]
[0, 0, 0, 0, 1, 1]
[0, 0, 0, 0, 1, 2]
[0, 3, 3, 3, 3, 4]
Beneficio óptimo: 4
PS C:\Users\juane\OneDrive\Documentos\Tareas_trabajos_en_clase\Python>
HELP
Buscar
ENG
21:55
03/11/2024

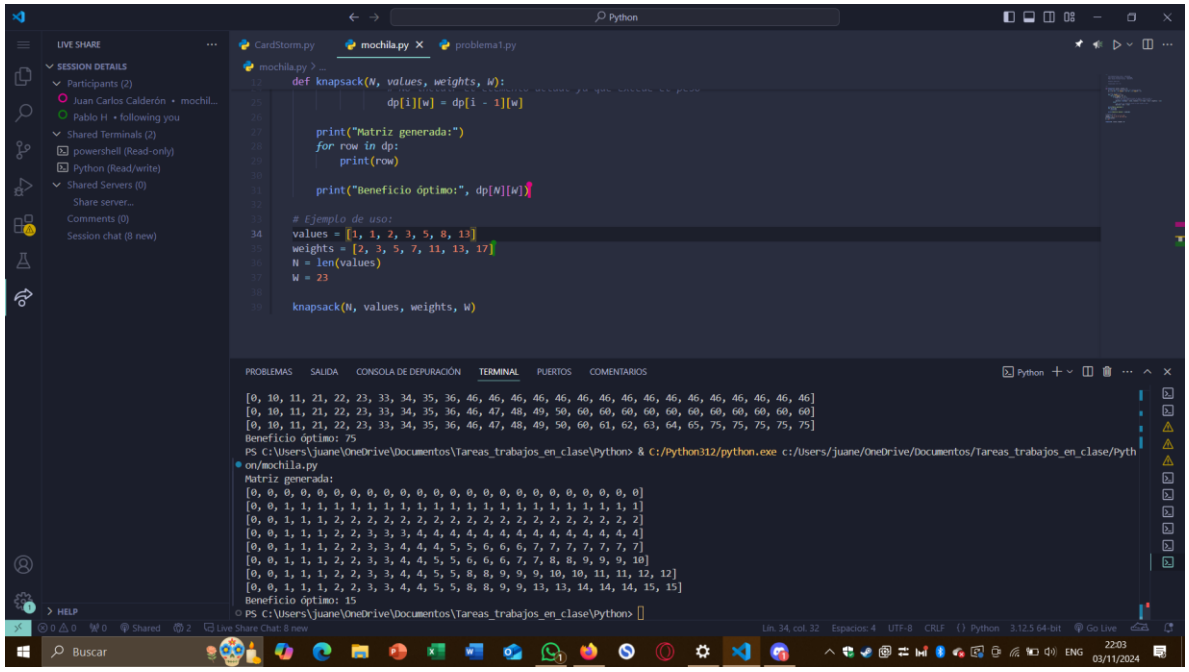

LIVE SHARE
SESSION DETAILS
Participants (2)
Juan Carlos Calderón • mochil...
Pablo H • following you
Shared Terminals (2)
powershell (Read-only)
Python (Read/write)
Shared Servers (0)
Share server...
Comments (0)
Session chat (8 new)
CardStorm.py
mochila.py
problema1.py
def knapsack(N, values, weights, W):
dp[i][W] = dp[i - 1][W]
print("Matriz generada:")
for row in dp:
print(row)
print("Beneficio óptimo:", dp[N][W])
# Ejemplo de uso:
values = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
weights = [4, 5, 1, 10, 3, 2, 9, 8, 6, 7]
N = len(values)
W = 20
knapsack(N, values, weights, W)
PROBLEMAS
SALIDA
CONSOLA DE DEPURACIÓN
TERMINAL
PUERTOS
COMENTARIOS
lost sys.stderr
PS C:\Users\juane\OneDrive\Documentos\Tareas_trabajos_en_clase\Python> & C:/Python312/python.exe c:/Users/juane/OneDrive/Documentos/Tareas_trabajos_en_clase/Python/mochila.py
Matriz generada:
[0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]
[0, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]
[0, 0, 0, 0, 1, 2, 2, 2, 2, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3]
[0, 3, 3, 3, 3, 4, 5, 5, 5, 5, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6]
[0, 3, 3, 3, 3, 4, 5, 5, 5, 5, 6, 7, 7, 7, 7, 8, 9, 9, 9, 9, 10]
[0, 3, 3, 5, 8, 8, 8, 8, 9, 10, 10, 10, 10, 11, 12, 12, 12, 12, 13, 14, 14]
[0, 3, 6, 9, 9, 11, 14, 14, 14, 14, 15, 16, 16, 16, 16, 17, 18, 18, 18, 18, 19]
[0, 3, 6, 9, 9, 11, 14, 14, 14, 14, 15, 16, 16, 16, 18, 21, 21, 21, 21, 22, 23]
[0, 3, 6, 9, 9, 11, 14, 14, 14, 14, 15, 17, 17, 19, 22, 22, 22, 22, 23, 24, 24]
[0, 3, 6, 9, 9, 11, 14, 14, 15, 18, 18, 20, 23, 23, 23, 24, 26, 26, 28, 31]
[0, 3, 6, 9, 9, 11, 14, 14, 15, 18, 19, 20, 23, 24, 24, 25, 28, 28, 30, 33, 33]
Beneficio óptimo: 33
PS C:\Users\juane\OneDrive\Documentos\Tareas_trabajos_en_clase\Python>
HELP
Buscar
ENG
22:00
03/11/2024



CardStorm.py
mochila.py
problema1.py
LIVE SHARE
SESSION DETAILS
Participants (2)
Juan Carlos Calderón • mochil...
Pablo H • following you
Shared Terminals (2)
powershell (Read-only)
Python (Read/write)
Shared Servers (0)
Share server...
Comments (0)
Session chat (8 new)
def knapsack(N, values, weights, W):
dp[i][w] = dp[i - 1][w]
print("Matriz generada:")
for row in dp:
print(row)
print("Beneficio óptimo:", dp[N][W])
# Ejemplo de uso:
values = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15]
weights = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15]
N = len(values)
W = 20
knapsack(N, values, weights, W)
PROBLEMAS
SALIDA
CONSOLA DE DEPURACIÓN
TERMINAL
PUERTOS
COMENTARIOS
[0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]
[0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]
[0, 1, 2, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3]
[0, 1, 2, 3, 4, 5, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6]
[0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10]
[0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 15, 15, 15, 15, 15]
[0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20]
[0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20]
[0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20]
[0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20]
[0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20]
[0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20]
[0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20]
[0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20]
[0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20]
[0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20]
Beneficio óptimo: 20
Buscar
22:01
03/11/2024



CardStorm.py
mochila.py
problema1.py
def knapsack(N, values, weights, W):
dp[i][w] = dp[i - 1][w]
print("Matriz generada:")
for row in dp:
print(row)
print("Beneficio óptimo:", dp[N][W])
# Ejemplo de uso:
values = [10, 11, 12, 13, 14, 15]
weights = [1, 2, 3, 4, 5, 6]
N = len(values)
W = 25
knapsack(N, values, weights, W)
[0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20]
[0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20]
[0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20]
[0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20]
Abrir archivo en el editor (ctrl + clic)
Beneficio óptimo: 20
PS C:\Users\juane\OneDrive\Documentos\Tareas_trabajos_en_clase\Python> & C:/Python312/python.exe c:/Users/juane/OneDrive/Documentos/Tareas_trabajos_en_clase/Python/mochila.py
Matriz generada:
[0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]
[0, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10]
[0, 10, 11, 21, 21, 21, 21, 21, 21, 21, 21, 21, 21, 21, 21, 21, 21, 21, 21, 21, 21, 21, 21, 21, 21, 21]
[0, 10, 11, 21, 22, 23, 33, 33, 33, 33, 33, 33, 33, 33, 33, 33, 33, 33, 33, 33, 33, 33, 33, 33, 33, 33]
[0, 10, 11, 21, 22, 23, 33, 34, 35, 36, 46, 46, 46, 46, 46, 46, 46, 46, 46, 46, 46, 46, 46, 46, 46, 46]
[0, 10, 11, 21, 22, 23, 33, 34, 35, 36, 46, 47, 48, 49, 50, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60, 60]
[0, 10, 11, 21, 22, 23, 33, 34, 35, 36, 46, 47, 48, 49, 50, 60, 61, 62, 63, 64, 65, 75, 75, 75, 75, 75]
Beneficio óptimo: 75
PS C:\Users\juane\OneDrive\Documentos\Tareas_trabajos_en_clase\Python>
Buscar
22:02
03/11/2024


LIVE SHARE
SESSION DETAILS
Participants (2)
Juan Carlos Calderón • mochil...
Pablo H • following you
Shared Terminals (2)
powershell (Read-only)
Python (Read/write)
Shared Servers (0)
Share server...
Comments (0)
Session chat (8 new)
CardStorm.py
mochila.py
problema1.py
mochila.py > ...
def knapsack(N, values, weights, W):
dp[i][w] = dp[i - 1][w]
print("Matriz generada:")
for row in dp:
print(row)
print("Beneficio óptimo:", dp[N][W])
# Ejemplo de uso:
values = [1, 1, 2, 3, 5, 8, 13]
weights = [2, 3, 5, 7, 11, 13, 17]
N = len(values)
W = 23
knapsack(N, values, weights, W)
PROBLEMAS
SALIDA
CONSOLA DE DEPURACIÓN
TERMINAL
PUERTOS
COMENTARIOS
Python
[0, 10, 11, 21, 22, 23, 33, 34, 35, 36, 46, 46, 46, 46, 46, 46, 46, 46, 46, 46, 46, 46, 46, 46]
[0, 10, 11, 21, 22, 23, 33, 34, 35, 36, 46, 47, 48, 49, 50, 60, 60, 60, 60, 60, 60, 60, 60, 60]
[0, 10, 11, 21, 22, 23, 33, 34, 35, 36, 46, 47, 48, 49, 50, 60, 61, 62, 63, 64, 65, 75, 75, 75, 75]
Beneficio óptimo: 75
PS C:\Users\juane\OneDrive\Documentos\Tareas_trabajos_en_clase\Python> & C:/Python312/python.exe c:/Users/juane/OneDrive/Documentos/Tareas_trabajos_en_clase/Python/mochila.py
Matriz generada:
[0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]
[0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]
[0, 0, 1, 1, 1, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2]
[0, 0, 1, 1, 1, 2, 2, 3, 3, 3, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4]
[0, 0, 1, 1, 1, 2, 2, 3, 3, 4, 4, 4, 5, 5, 6, 6, 6, 7, 7, 7, 7, 7, 7, 7]
[0, 0, 1, 1, 1, 2, 2, 3, 3, 4, 4, 5, 5, 6, 6, 6, 7, 7, 8, 8, 9, 9, 9, 10]
[0, 0, 1, 1, 1, 2, 2, 3, 3, 4, 4, 5, 5, 8, 8, 9, 9, 9, 10, 10, 11, 11, 12, 12]
[0, 0, 1, 1, 1, 2, 2, 3, 3, 4, 4, 5, 5, 8, 8, 9, 9, 13, 13, 14, 14, 14, 15, 15]
Beneficio óptimo: 15
PS C:\Users\juane\OneDrive\Documentos\Tareas_trabajos_en_clase\Python>
HELP
Live Share Chat: 8 new
Lín. 34, col. 32
Espacios: 4
UTF-8
CRLF
Python
3.12.5 64-bit
Go Live
Buscar
ENG
22:03
03/11/2024