

Spyder (Python 3.9)

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E:\ABHIPython\Assignment 5

graded1.py x graded2.py x graded3.py x graded4.py x

```
1 # -*- coding: utf-8 -*-
2 """
3 Created on Mon Feb 27 10:21:26 2023
4
5 @author: HP
6 """
7 '''
8 6.B.1: ASSIGNMENT '''
9
10 def jump_game(arr):
11     n = len(arr)
12     dp = [float('inf')] * n
13     dp[0] = 0
14     for i in range(n):
15         for j in range(1, arr[i]+1):
16             if i+j < n:
17                 dp[i+j] = min(dp[i+j], dp[i]+1)
18     print("Jumps required in Minimum number : ", dp[-1])
19     return dp[-1]
20 arr = [1, 3, 5, 8, 9, 2, 6, 7, 6, 8, 9]
21 jump_game(arr)
```

Name	Type	Size	Value
a	str	38	Amount to be paid:\$20 for daily rental
arr	list	11	[1, 3, 5, 8, 9, 2, 6, 7, 6, 8, ...]
deck	Deck	1	Deck object of __main__ module
shop	BikeOnRent	1	BikeOnRent object of __main__ module
strs	list	3	[['eat', 'ate', 'tea'], ['tan', 'nat'], ['b...

Help Variable Explorer Plots Files

Console 1/A x

```
In [21]: runfile('E:/ABHIPython/Assignment 5/graded2.py',
wdir='E:/ABHIPython/Assignment 5')
Amount to be paid:$20 for daily rental

In [22]: runfile('E:/ABHIPython/Assignment 5/graded4.py',
wdir='E:/ABHIPython/Assignment 5')
Jumps required in Minimum number : 3

In [23]: runfile('E:/ABHIPython/Assignment 5/graded4.py',
wdir='E:/ABHIPython/Assignment 5')
Jumps required in Minimum number : 3

In [24]:
```

Python Console History

LSP Python: ready conda: base (Python 3.9.13) Line 18, Col 13 UTF-8 CRLF RW Mem 58%

Search the web and Windows

10:39 AM 2/21/2023