

A-14.py > ...

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1  #1. Write a Python script to create a list of first N natural numbers.
2  a = []
3  number = int(input("enter a max natural number you want put"))
4  for i in range(1, number):
5      a.append(i)
6      print("the natural number are in list:",a)
7
8  # 2. Write a Python script to create a list of first N odd natural numbers.
9  a = []
10 number = int(input("enter a number you want to put a odd one: "))
11 for i in range(1,number,2):
12     a.append(i)
13     print("the odd number are:",a)
14
15 # 3. Write a Python script to create a list of first N even natural numbers.
16 a = []
17 number = int(input("enter a number how much you want to put"))
18 for i in range(2,number,2):
19     a.append(i)
20     print(a)
21
22 # 4. Write a Python script to find the greatest number in a given list of numbers.
23 a = [1,3,3,2114,4,32,2]
24 print(max(a))
25
26 # 5. Write a Python script to find the smallest number in a given list of numbers.
27 a = [12,4245,522,12,234,454,1,4454,1123]
28 print(min(a))
29
30 # 6. Write a Python script to calculate the sum of elements in a given list of numbers.
31 a = [3342,3446,6523,4756,3261,2100,93872]
32 print(sum(a))
33
34 # 7. Write a Python script to remove all non int values from a list.
35 a = ["niket","saurav",23,"325",True,1256,34.22]
36 non_int=[x for x in a if not isinstance(x, int)]
37 print(non_int)
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... py A-7.py A-13.py A-14.py A-8.py A-10.py A-9.py A-11.py {} launch.json
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A-14.py > ...
27 a = [12,444,3,322,12,234,444,1,4444,1123]
28 print(min(a))
29
30 # 6. Write a Python script to calculate the sum of elements in a given list of numbers.
31 a = [3342,3446,6523,4756,3261,2100,93872]
32 print(sum(a))
33
34 # 7. Write a Python script to remove all non int values from a list.
35 a = ["niket","saurav",23,"325",True,1256,34.22]
36 non_int=[x for x in a if not isinstance(x, int)]
37 print(non_int)
38
39 # 8. Write a Python script to print distinct elements along with their frequencies of occurrence in the list.
40 a = [1,2,31,32,1,10,1,1,23,31,2,10,10]
41 distinct = []
42 distinct = set(a)
43
44 print("the unique value is",distinct)
45 print("the frequency of list are",len(distinct))
46
47 # 9. Write a Python script to print indices of all occurrences of a given element in a given list.
48 thislist = ["Java","SQL", "C", "Reactnative", "Javascript", "Python"]
49 for a in range(len(thislist)):
50 | print(a)
51
52 # 10. Write a python script to sort a list.
53 list = ["niket","rahul","zeb","zeb"]
54 list.sort()
55 print(list)
```