tuple

November 17, 2023

[7]:
```
#1
def palindrome():
    num=int(input("Enter the number:"))
    num=str(num)
    l=[]
    for j in num:
        l.append(j)
    k=l[::-1]
    k="".join(l)
    if k == num:
        print("its a palindrome")
    else:
        print("nopp")
palindrome()
```

```
Enter the number:1331
its a palindrome
```

[21]:
```
#2
def nested(n):
    s=set()
    l=[]
    for i in n:
        for j in i:
            s.add(str(j))
    for i in s:
        l.append(int(i))
    print(tuple(l))

n=((3,4,5),(5,6,7),(7,8,9))
nested(n)
```

```
(3, 9, 8, 5, 4, 7, 6)
```

[40]:
```
#3
def test_tuple(n):
    box=[]
    for i in n:
```

```
        box.append(str(i))
    for j in range(1,(len(box)+1)):
        if j%2 !=0:
            box.insert(j,'22')
    k="-".join(box)
    return k
n=(1,2,3)
test_tuple(n)
```

[40]: '1-22-2-22-3'

[43]:
```
#5
def adjacent_elements(n):
    l=[]
    for i in range(len(n)-1):
        k=n[i]*n[i+1]
        l.append(k)
    print(tuple(l))
n=(7,4,8,3,2)
adjacent_elements(n)
```

```
(28, 32, 24, 6)
```

[47]:
```
#9
def remove_dupli(n):
    print(tuple(set(n)))
s=(1,1,1,34,56,78,23,23)
remove_dupli(s)
```

```
(1, 34, 78, 23, 56)
```

[ ]:
```
#DEAR INSIDE AIML TEAM ,THIS WAS MY LAST ASSIGNMENT. I HAVE SO FAR TRIED MY␣
 ↪BEST TO BE A BETTER STUDENT.I EXPECT THAT I WILL BE PROVIDED CERTIFICATE AND␣
 ↪MY REAL ASSIGNMENTS CAN BE CHECKED,THESE FRADULENT ONE'S FOR THE NAMESAKE IF␣
 ↪REMAINS UNCHECKED THEN THAT WONT BOTHER ME.
#THOSE SIX ASSIGNMENTS RELEASED BY INSTITUTE LATER ARE OF NO USE.I HAVE DONE␣
 ↪THESE THINGS BEFORE.
#I STILL HAVE RESPECT FOR THE TEAM THAT PREPARES PERSONALIZED ASSIGNMENTS FOR␣
 ↪ME.
#MAY YOU ALL BE BLESSED WITH PEACE AND PROSPERITY.
#THANK YOU VERY MUCH
```

[ ]: