CLASS TEST-6

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Subject code: CSA0836
Subject name: Python programming
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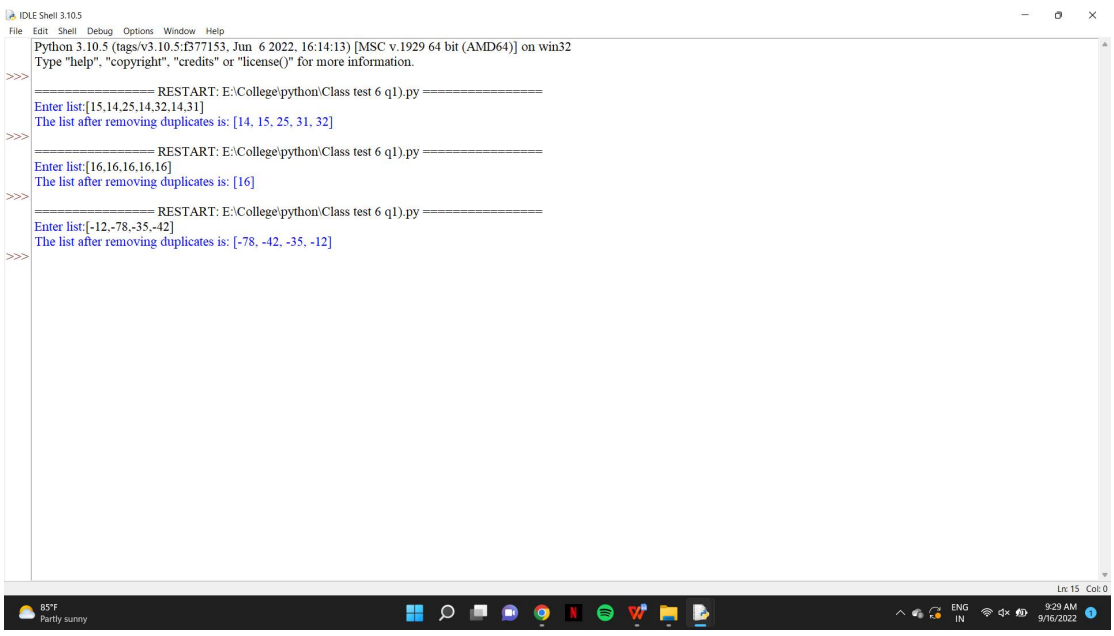
1) Removing duplicate number

```
def func(a):
    b=[]
    for i in a:
        if  i not in b:
            b.append(i)
    b.sort()
    return b
a=eval(input("Enter list:"))
print("The list after removing duplicates is:",func(a))
```

OUTPUT:



2) Total number of factors of a number

```
def factor(n,o):
    i=1
    count=0
    a=[]
```

```
    while(i<=n):
        if (n%i==0):
            count+=1
            a.append(i)
        i+=1
    print("Number of factors:",count)
    print("1*",o,"factor is:",a[0:o])
a=int(input("Enter number:"))
o=int(input("Enter N:"))
factor(a,o)
```

OUTPUT: