

Python test-3

1.

```
m = int(input("enter m: "))
n = int(input("enter n: "))
for i in range(m,n+1):
    count = 0
    temp = i
    num=0
    for j in range(len(str(i))):
        a=i%10
        num+=a
        i//=10
    for k in range(1,num+1):
        if num%k==0:
            count+=1
    if count==2:
        print(temp)
```

output:

enter m: 10

enter n: 20

11

12

14

16

20

2.

```
n= int(input("enter n: "))
num=1
```

```

for i in range(1,n+1):
    for j in range(n-i):
        print(" ",end="")
    for j in range(i):
        print(num,end=" ")
    num+=1
    print()

```

output:

```

1
2 3
4 5 6
7 8 9 10

```

3.

```

lst = [1,2,3,1,2,1]
max_count=0
val=0
for i in range(len(lst)):
    count=0
    for j in range(len(lst)):
        if lst[j]==lst[i]:
            count+=1
    if count>max_count:
        max_count=count
        val=lst[i]
print(val)

```

output: 1

4.

```

s=input("enter s: ")
res=""
for i in range(len(s)):
    count=0

```

```
for j in range(len(s)):
    if s[i]==s[j]:
        count+=1
    if count>1 and s[i] not in res:
        res+=s[i]
print(res)
```

output:

abacd

a

abcdabcd

abcd