1.Divisible by 5 and 8

```
list=[]
a=int(input("where to be start  "))
b=int(input("where to be end  "))
for i in range(a,b):
   if i%5==0 and i%8==0:
      list.append(i)
print(list)
```

2.Tables(from 1 to 10)

```
c=0
a=int(input("enter the number : "))
b=int(input("enter the table : "))
for i in range(1,a+1):
   c=c+b
   print(a,"x",b,"=",c)
```

3.ascending order

```
a=[1,5,8,2,5,9,0,3]
a.sort()
b=a[:1]
print(a)
print(b)
```

4.second largest number in list

```
list=[]
a=int(input("enter the numbers: "))
for i in range(a):
   add=int(input("enter the numbers to be added : "))
   list.append(add)
   list.sort()
print(list)
b=list.pop(-2)
print(f"the second largest value is {b}")
```

5.odd and even

```python
l = []
n=[]
a = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
for i in (a[0:11]):
 if i%2 == 0:
    l.append(i)
 elif i!=0:
    n.append(i)
print(n)
print(l)
```

6.reverse

```python
list=[]
a=int(input("enter the numbers: "))
for i in range(a):
    add=int(input("enter the numbers to be added : "))
    list.append(add)
print(list[::-1])
```

7.print odd numbers in list

```python
list=[]
c=[]
a=int(input("enter the numbers: "))
for i in range(1,a+1):
 list.append(i)
for i in (list[0:a]):
 if i%2!=0:
   c.append(i)
print(list)
print(f"the odd number is{c}")
```

8.even and odd count

```
l = []
list=[]
n=[]
g=0
f=0
a = int(input("enter the list "))
for i in range(1,a+1):
  list.append(i)
print(list)
for i in (list[0:a]):
 if i%2 == 0:
   l.append(i)
   g=len(l)
 elif i!=0:
   n.append(i)
   f=len(n)
print(g)
print(f)
```

9.ip address

```
a = input("Enter the IP address to remove zeros : ")
b=a.replace("0","")
print("New IP address without zeros is ",b)
```

10.finding the word starts with "a" and ends with "s"

```
import re
txt = input("Enter any text")
x = re.findall("a+\S+s",txt)
print(x)
```

11.occurance

```
txt=input("enter the sentence")
```

```python
#txt=("they ate 6 apples and 10 oranges")

a=txt.replace("6","six")

b=a.replace("10","ten")

print(b)
```

12.voting eligiblity

```python
age = int(input("Enter your age : "))

if age<18:

    print(("You are minor and not eligible for voting"))

if age >= 18:

    print(("You are eligible for voting"))
```

13.current bill

```python
a = int(input("Enter the no unit"))

if a<=100 and a>=0:

    print("Your current bill is zero rupees")

elif a>100 and a<=200:

    b=100*5

    print("Your current bill is",b ,"rupees")

elif a>200:

    b=200*10

    print("Your current bill is",b ,"rupees")

else:

    print("invalid")
```

14.marks

```python
a=int(input("enter the mark : "))

for i in range(a):

 if a>90:

 print("A")

 break

 elif a>80 and a<=90:
```

```python
    print("B")
    break
elif a>60 and a<=80:
    print("c")
    break
elif a<=60:
    print("e")
    break
```