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Question #1.

part (a).

Answer:-

```
x = int(input("Enter an integer:"))
y = int(input("Enter another integer:"))
if x > y:
    i = 0
while i < x:
    i = x + x
    print()
    i += 1
```

X X X

Question #1

part (b).

Answer:-

```
x = int(input("starting value:"))
y = int(input("Ending value:"))
z = int(input("input times table:"))
while x <= y:
    Print(z, 'x', x, '=', z*x)
    x += 1
```

Question #2.

Part (a).

```
Print("Print stars")
size = 6
for i in range(3, size):
    for j in range(0, 6):
        print("* ", end=' ')
    print(" ")
```

Question # 2.
part (b).

```
# Python 3.x code to demonstrate Star Pattern.
# Function to demonstrate printing Pattern of Numbers
    def numpat(n)
# initialising starting number
     n=1
# outerloop to handle number of rows
    for i in range (0,n):
# re assiging num
     num=1
# inner loop to handle number of columns
# values changing acc. to outer loop
    for j in range (0,i+1):
# printing number
    print(num, end=" ")
# incrementing number at each column
     num=num+1
# ending line after each row
     Print("\r")
# Driver code
n=5
numpat(n)
```

Question # 3.

part (a).

```
Numbers = (1, 2, 3, 4, 5, 6, 7, 8, 9) #Declaring
count_odd = 0
count_even = 0
for x in numbers:
 if not x % 2:
    count_even += 1
    else:
```

"Question # 3" Part (b)

Flow chart:-