HOME TASK
LOOP FUNCTION

#QUESTION 1

```
n=int(input())              # n=123
sum=0                       # sum=0
while n!=0:                 # Here n should be not equal to zero
   rem_num=n%10            # remainder=n%10 gives remainder 3
   sum+=rem_num            # sum=remainder+sum
   n//=10                  # n=n//10 gives quotient 12
print(sum)
```

#QUESTION 2

```
a=int(input())             # a=543
product=1                  # product=1
while a!=0:                # Here a should be not equal to zero
   rem_num=a%10           # remainder=a%10 gives remainder 3
   product*=rem_num       #product=remainder*product
   a//=10                 # n=n//10 gives quotient 12
print(product)
```

#QUESTION 3

```
num=int(input())               # num=7
for x in range(num,0,-1):      # range(7,0,-1)
   print(x,end=" ")
```