

Statement-2:

Input:126789345

Ouput:2 6 8 4

Input: 246

Ouput: 2 4 6

Input: 579

Ouput: 0

In [27]:

```
1  n = int(input())
2  rs,ps = 0,0
3  t = n
4  while n!=0:
5      k = n%10
6      if k%2==0:
7          rs = rs*10+k
8          n//=10
9  # while rs!=0:
10 #     ps=ps*10+rs%10
11 #     rs//=10
12 # print("Given number is: {}\nIts even numbers in forward direction is: ".format(t),end=" ")
13 # for j in str(ps):
14 #     print(j,end=" ")
15 print("Given number is: {}\nIts even numbers in forward direction is: ".format(t),end=" ")
16 while rs!=0:
17     print(rs%10,end=" ")
18     rs//=10
```

12376182730123612786316253213

Given number is: 12376182730123612786316253213

Its even numbers in forward direction is: 2 6 8 2 0 2 6 2 8 6 6 2 2

Statement-3:

Input: 126789345

Ouput: 4826

126789345

4862

4826

23456184

48642

48624

In [11]:

```
1 n = int(input())
2 rv,c,s,k,le,la,lr = 0,0,0,0,0,0,0
3 while n!=0:
4     la = n%10
5     if la%2==0:
6         rv = rv*10+la
7         c+=1
8     n//=10
9     # print(rv,c)
10    if c%2==0:
11        j = c//2
12    else:
13        j = c//2+1
14    while rv!=0:
15        if j%2==0:
16            if c<=j:
17                s = s*10+rv%10
18            else:
19                k = k*10+rv%10
20        else:
21            if c<=j:
22                s = s*10+rv%10
23            else:
24                k = k*10+rv%10
25        c-=1
26        rv//=10
27    # print(s,k)
28    while s!=0:
29        le = le*10+s%10
30        s//=10
31    while k!=0:
32        lr = lr*10+k%10
33        k//=10
34    while lr!=0:
35        le = le*10+lr%10
36        lr//=10
37    print(le)
```

23456184

48624

In []:

```
1 rev = 4 8 6 2 6
2     62 684
3     486 26
4     48662
5
```

In [22]:

```
1 5//2+1
```

Out[22]:

3