

```
Enter the number of masses=3
Enter the values of masses=
m1: 2
m2: 4
m3: 2
Enter the values of the stiffnesses=
k1: 3
k2: 2
Enter the increment for w= 0.01
w_n(1)= 0
w_n(2)= 1.08
w_n(3)= 1.62
>>
```