

```
In [18]: primes = [2,3,5,7,11,13];
```

```
In [19]: for num in primes:
          print(num)
```

```
2
3
5
7
11
13
```

```
In [20]: p = 17;
          primes.append(p);
          print(primes);
```

```
[2, 3, 5, 7, 11, 13, 17]
```

```
In [31]: v0=1
          g=9.81
          n=int(input("Enter the number of Calculations to be done="))
          dt=(2*(v0/g))/(n-1);
          print('%6s %6s' %('t', 'y'))
          for i in range(0, n+1):
              t=i*dt;
              y=v0*t-0.5*g*t*2;
              print('%6.3f %6.3f' %(t, y))
```

Enter the number of Calculations to be done=11

t	y
0.000	0.000
0.020	-0.180
0.041	-0.359
0.061	-0.539
0.082	-0.718
0.102	-0.898
0.122	-1.078
0.143	-1.257
0.163	-1.437
0.183	-1.617
0.204	-1.796
0.224	-1.976

```
In [ ]:
```