```
>> M6
Enter masses in order, in brackets
[100, 1, 100]
Enter velocities in order, in brackets
[1, 100, 1]
Enter the cutoff value for checks of momentum and energy
1e-15

Collision 1

v =

    1.0000  -96.0396    2.9604


dKE =

   9.0949e-13

Collision 2

v =

   -0.9216   96.1180    2.9604


dKE =

   9.0949e-13

Collision 3

v =

   -0.9216  -88.3525    4.8051


dp =

   5.6843e-14

Collision 4

v =

   -2.6529   84.7781    4.8051


dp =

   5.6843e-14


dKE =

   1.8190e-12

Collision 5
```

```
v =

   -2.6529  -73.5842    6.3887

dp =

   5.6843e-14

Collision 6

v =

   -4.0575   66.8739    6.3887

dp =

   1.1369e-13

Collision 7

v =

   -4.0575  -52.8987    7.5865

dp =

   1.7053e-13

Collision 8

v =

   -5.0246   43.8166    7.5865

dp =

   1.1369e-13

Collision 9

v =

   -5.0246  -27.9263    8.3039

dp =

   1.1369e-13

Collision 10

v =
```

```
   -5.4781   17.4236    8.3039


dp =

   1.1369e-13

Collision 11

v =

   -5.4781   -0.6352    8.4845


dp =

   2.2737e-13


dKE =

   9.0949e-13

There are no more collisions
>>
```