

```
>> M6
Enter masses in order, in brackets
[100, 0.1, 100]
Enter velocities in order, in brackets
[0.1, 100, 0.1]
Enter the cutoff value for checks of momentum and energy
0.005
```

Collision 1

```
v =
    0.1000   -99.6004    0.2996
```

Collision 2

```
v =
   -0.0992    99.6012    0.2996
```

Collision 3

```
v =
   -0.0992   -98.8036    0.4980
```

Collision 4

```
v =
   -0.2964    98.4080    0.4980
```

Collision 5

```
v =
   -0.2964   -97.2163    0.6936
```

Collision 6

```
v =
   -0.4901    96.4299    0.6936
```

Collision 7

```
v =
   -0.4901   -94.8513    0.8849
```

Collision 8

```
v =
   -0.6786    93.6827    0.8849
```

Collision 9

```
v =  
    -0.6786   -91.7274    1.0703
```

Collision 10

```
v =  
    -0.8605    90.1883    1.0703
```

Collision 11

```
v =  
    -0.8605   -87.8696    1.2484
```

Collision 12

```
v =  
    -1.0344    85.9748    1.2484
```

Collision 13

```
v =  
    -1.0344   -83.3087    1.4177
```

Collision 14

```
v =  
    -1.1987    81.0756    1.4177
```

Collision 15

```
v =  
    -1.1987   -78.0812    1.5768
```

Collision 16

```
v =  
    -1.3523    75.5301    1.5768
```

Collision 17

```
v =  
    -1.3523   -72.2287    1.7246
```

Collision 18

```
v =  
    -1.4940    69.3824    1.7246
```

Collision 19

v =

-1.4940	-65.7980	1.8598
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Collision 20

v =

-1.6224	62.6816	1.8598
---------	---------	--------

Collision 21

v =

-1.6224	-58.8406	1.9813
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Collision 22

v =

-1.7368	55.4814	1.9813
---------	---------	--------

Collision 23

v =

-1.7368	-51.4119	2.0882
---------	----------	--------

Collision 24

v =

-1.8360	47.8392	2.0882
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Collision 25

v =

-1.8360	-43.5714	2.1796
---------	----------	--------

Collision 26

v =

-1.9194	39.8160	2.1796
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Collision 27

v =

-1.9194	-35.3816	2.2548
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Collision 28

v =

-1.9863 31.4760 2.2548

Collision 29

v =

-1.9863 -26.9080 2.3132

Collision 30

v =

-2.0361 22.8857 2.3132

Collision 31

v =

-2.0361 -18.2183 2.3543

Collision 32

v =

-2.0684 14.1138 2.3543

Collision 33

v =

-2.0684 -9.3818 2.3778

Collision 34

v =

-2.0830 5.2304 2.3778

Collision 35

v =

-2.0830 -0.4692 2.3835

There are no more collisions

>>