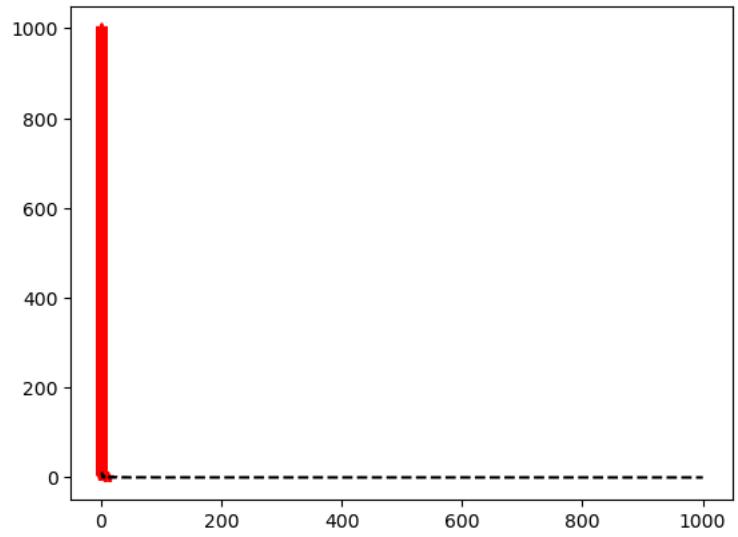
In [1]:
```
import numpy as np
import matplotlib.pyplot as plt
```

In [4]:
```
x = np.array([x for x in range(1, 1001)])
```

In [5]:
```
y = np.sin(x)**2/np.cos(1/x)**(-1/2) * np.tan(300)/2/x
```

In [6]:
```
plt.plot(y,x,'r*')
plt.plot(x, y, 'k--')
```

Out [6]: [<matplotlib.lines.Line2D at 0x73cf8699d0>]



In [7]:
```
wtf
```

```
---------------------------------------------------------------------------NameError                                 Traceback (
----> 1 wtf
NameError: name 'wtf' is not defined
```

In [ ]:
```
```