

```
import random
import math
X=random.randint(1.0,5.0)
if X<=0:
    f=0
    print (""f(&quot;+str(X)+&quot;)=&quot;+str (f))
if 0<X<1:
    f=X**2-X
    print ("&quot;f(&quot;+str(X)+&quot;)=&quot;+str (f))
else:
    f=X**2-math.sin(math.pi**2)
    print ("f("+str(X)+")="+str (f))
```