Forecasting Fallacy

You have to make decisions that are convex. Give a convex function. Starts with a ceiling.

$$In[*] := Plot[-1 + x^2, \{x, 0, 2\}, PlotRange \rightarrow \{-5, 5\}, AxesLabel \rightarrow \{x, "f(x)"\}]$$

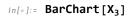
$$Out[*] = f(x)$$

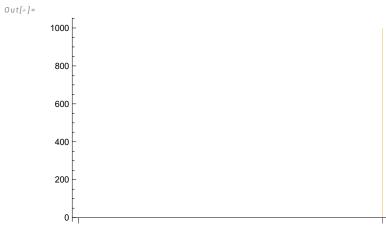
$$2$$

$$-2$$

$$-4$$

Build a function of a vector.





In[
$$\circ$$
]:= $f[X_3]$ // N

Out[0]=

1001.