

Architecture

**JEOPARDY!**

# Software Architecture for \$200

- We search for a distributed data system with high fault tolerance and with high availability. The database contains numerous replicas and the nodes communicate with each other to identify errors.

# Software Architecture for \$400

- We search for a data analytics system. An analytics task is submitted and it is replicated on multiple nodes. Each node works on a slice of the data. The results are assembled and aggregated before being returned.

# Software Architecture for \$600

- We search for a system to store and analyse tax returns. The computation and storage capacity is not a problem and the number of tax returns is roughly predicted.

# Software Architecture for \$800

- We search for a data system to sell products of an e-store. Each product can be identified uniquely. The user can simply view a product, add a product, delete a product and update a product.

# Software Architecture for \$1000

- We search for a data analytics system. There are many algorithms to analyse the data. Each algorithm can change the data and prepare it for the following algorithm