#!/bin/bash name: JUEXUAN ZHANG id:214773840

echo "What is 2+2?"

shuffle() {

local i tmp size max rand

size=${#array[\*]}

max=$(( 32768 / size \* size ))

for ((i=size-1; i>0; i--)); do

while (( (rand=$RANDOM) >= max )); do :; done

rand=$(( rand % (i+1) ))

tmp=${array[i]} array[i]=${array[rand]} array[rand]=$tmp

done

}

array=( )

array[0]="None of the other answers are correct"

array[1]=4

array[2]=2

array[3]=6

array[4]="A tree"

shuffle

echo "A" ${array[0]}

echo "B" ${array[1]}

echo "C" ${array[2]}

echo "D" ${array[3]}

echo "E" ${array[4]}

read answer

if [ "$answer" = "A" ]; then

if [ "${array[0]}" = "4" ]; then

echo answer is true

exit 0

fi

fi

if [ "$answer" = "B" ]; then

if [ "${array[1]}" = "4" ]; then

echo answer is true

exit 0

fi

fi

if [ "$answer" = "C" ]; then

if [ "${array[2]}" = "4" ]; then

echo answer is true

exit 0

fi

fi

if [ "$answer" = "D" ]; then

if [ "${array[3]}" = "4" ]; then

echo answer is true

exit 0

fi

fi

if [ "$answer" = "E" ]; then

if [ "${array[4]}" = "4" ]; then

echo answer is true

exit 0

fi

fi

echo answer is wrong

exit 1