declare -A matrix

echo "Enter values for the 3x3 matrix:"

for ((i=0; i<3; i++)); do

for ((j=0; j<3; j++)); do

read -p "Enter value for element ($i, $j): " value

matrix[$i,$j]=$value

done

done

echo "Displaying 3x3 matrix:"

for ((i=0; i<3; i++)); do

for ((j=0; j<3; j++)); do

echo -n "${matrix[$i,$j]} "

done

echo ""

done