SINGLE DIGIT RANDOM FUNCTION

#! /bin/bash

single=$(( RANDOM%10 ))

echo $single

DICE NUMBER

#! /bin/bash

dice=$(( RANDOM%6+1 ))

echo $dice

ADD 2 DICE NUMBER

#! /bin/bash

dice1=$(( RANDOM%6+1 ))

dice2=$(( RANDOM%6+1 ))

sum=$((dice1+dice2))

echo $dice1 "+" $dice2 "=" $sum

SUM AND AVERAGE OF 5 RANDOM TWO DIGIT NUMBER

#! /bin/bash

num1=$(( RANDOM%90+10 ))

num2=$(( RANDOM%90+10 ))

num3=$(( RANDOM%90+10 ))

num4=$(( RANDOM%90+10 ))

num5=$(( RANDOM%90+10 ))

sum=$((num1+num2+num3+num4+num5))

average=$((sum/5))

echo "Sum of" $num1 $num2 $num3 $num4 $num5 "is" $sum "and Average is" $average

Sum of 68 67 10 20 31 is 196 and Average is 39

42 inch = ? ft

#! /bin/bash

value=$((42/12))

echo "1ft = 12in then 42in =" $value"ft"

1ft = 12in then 42in = 3ft

RECTANGULAR PLOT OF 60ft \* 40ft IN METERS. CALCULATE AREA OF 25 SUCH PLOTS IN ACRE

#! /bin/bash

length\_ft=60

breadth\_ft=40

length\_meter=$((length\_ft\*3/10))

breadth\_meter=$((breadth\_ft\*3/10))

area\_ft=$((length\_ft\*breadth\_ft))

area\_meter=$((length\_meter\*breadth\_meter))

echo $length\_ft"ft =" $length\_meter"meter"

echo $breadth\_ft"ft =" $breadth\_meter"meter"

echo "Area in ft =" $area\_ft "sq ft"

echo "Area in meter =" $area\_meter "sq meter"

area\_of\_25=$((area\_meter\*25))

echo "Area of 25 such rectangle in meter =" $area\_of\_25 "sq meter"

area\_acre=$((area\_of\_25/4047))

echo "Area of 25 such rectangle in Acre =" $area\_acre "acre"

60ft = 18meter

40ft = 12meter

Area in ft = 2400 sq ft

Area in meter = 216 sq meter

Area of 25 such rectangle in meter = 5400 sq meter

Area of 25 such rectangle in Acre = 1 acre