1)Use Random Function (( RANDOM )) to get Single Digit

rand=$((RANDOM%4))

echo“Random number is: “ $rand;

2)Use Random to get Dice Number between 1 to 6

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

echo $random

3. Add two Random Dice Number and Print the Result

randomnum1=$((RANDOM%6))

randomNum2=$((RANDOM%6))

sum=$((randomnum1+randomNum2))

echo "First random Number is:" $randomnum1

echo "Second random Number is:" $randomNum2

echo "Addition is" $sum

4. Write a program that reads 5 Random 2 Digit values , then find their sum and the average

randomnum1=$(((RANDOM%11)+10))

randomNum2=$(((RANDOM%11)+10))

randomNum3=$(((RANDOM%11)+10))

randomNum4=$(((RANDOM%11)+10))

randomNum5=$(((RANDOM%11)+10))

sum=$((randomnum1+randomNum2+randomNum3+randomNum4+randomNum5))

echo "First random Number is:" $randomnum1

echo "Second random Number is:" $randomNum2

echo "Third random Number is:" $randomNum3

echo "Fourth random Number is:" $randomNum4

echo "Fifth random Number is:" $randomNum5

echo "Sum is" $sum

num=5

avg=($sum/$num)

echo "Avg is" $avg

Second pdf

1. Write a program that reads 5 Random 3 Digit values and then outputs the minimum

and the maximum value

randomnum1=$(((RANDOM%899)+100))

randomNum2=$(((RANDOM%899)+100))

randomNum3=$(((RANDOM%899)+100))

randomNum4=$(((RANDOM%899)+100))

randomNum5=$(((RANDOM%899)+100))

echo "First Number is " $randomnum1

echo "Second Number is " $randomNum2

echo "Third Number is " $randomNum3

echo "Fourth Number is " $randomNum4

echo "Fifth number is " $randomNum5

if [ $randomnum1 -gt $randomNum2 ]&&[ $randomnum1 -gt $randomNum3 ]&&[ $randomnum1 -gt $randomNum4 ]&&[ $randomnum1 -gt $randomNum5 ]

then

echo $randomnum1 "is greater"

elif [ $randomnum2 -gt $randomNum1 ]&&[ $randomnum2 -gt $randomNum3 ]&&[ $randomnum2 -gt $randomNum4 ]&&[ $randomnum2 -gt $randomNum5 ]

then

echo $randomNum2 "is greater"

elif [ $randomnum3 -gt $randomNum1 ]&&[ $randomnum3 -gt $randomNum2 ]&&[ $randomnum3 -gt $randomNum4 ]&&[ $randomnum4 -gt $randomNum5 ]

then

echo $randomNum3 "is greater"

elif [ $randomnum4 -gt $randomNum1 ]&&[ $randomnum4 -gt $randomNum2 ]&&[ $randomnum4 -gt $randomNum3 ]&&[ $randomnum4 -gt $randomNum5 ]

then

echo $randomNum4 "is greater"

else

echo $randomNum5 "is greater"

fi