**Day10 & 11 – Practice Problems on Sorting**

Question no. -01

read -p “Enter 1st number : ” a

read -p “Enter 2nd number : ” b

read -p “Enter 3rd number : ” c

x=$((a+b\*c))

y=$((a\*b+c))

z=$((c+a/b))

n=$((a%b+c))

declare -A numbers= ([num1]=$x [num2]=$y [num3]=$z [num4]=$n)

for $value in ${numbers[@]}

do

echo $value

echo sort -r $value

echo sort $value

done

Question No. -02

FLIP=$(($(($RANDOM%10))%2))

if [ $FLIP -eq 1 ];then

echo "heads"

else

echo "tails"

fi

Question No. – 03

Count = 0

row=0

flip=$(($(($RANDOM%10))%2))

For (( i=1;1<$flip;i++ ))

if [ $flip -eq 1 ]

then

count+=1

else

row+=1

fi

echo “Head occurs $count”

echo “Tail occurs $row”