Selection Practice Problems with if, elif a

1. Read a single digit number and write the number in v

```
read -p "enter the single digit number : " n
if (( n==1 ))
then
echo "one"
elif (( n==2 ))
then
echo "two"
elif (( n==3 ))
then
echo "three"
elif (( n==4 ))
then
echo "four"
elif (( n==5 ))
then
echo "five"
elif (( n==6 ))
then
echo "six"
elif (( n==7 ))
then
echo "seven"
elif (( n==8 ))
then
echo "eight"
elif (( n==9 ))
then
echo "nine"
elif (( n==0 ))
then
echo "zero"
fi
```

2. Read a Number and Display the week day (Sunda

```
read -p " enter the number for week day name : " n
if (( n==1 ))
then
echo "sunday"
elif (( n ==2 ))
then
echo "monday"
elif (( n ==3 ))
then
echo "tuesday"
elif (( n ==4 ))
then
echo "wednesday"
elif (( n ==5 ))
then
echo "thursday"
elif (( n ==6 ))
then
echo "friday"
elif (( n ==7 ))
then
echo "saturday"
fi
```

3. Read a Number 1, 10, 100, 1000, etc and display unit

```
a=ones
b=tens
c=Hundred
d=Thousand
read -p "enter the number for unit check : " n
if (( n<10 ))
then
echo "  unit of $n is $a"
elif (( n<100 ))
then
echo "unit of $n is $b"
elif (( n<1000 ))
then
echo "unit of $n is $c"
elif (( n>1000 ))
then
echo "unit of $n is $d"
fi
```

4. Enter 3 Numbers do following arithmetic operation and find the one that is maximum and minimum
   1. a + b * c
   2. a % b + c
   3. c + a / b
   4. a * b + c

```
read -p "enter value for A : " a
read -p "enter value for B : " b
read -p "enter value for c : " c
if (( a>b && a>c))
then
echo "$a is maximum"
elif (( b>a && b>c ))
then
echo "$b is maximum"
elif (( c>a && c>b ))
then
echo "$c is maximum"
fi
if (( a<b && a<c))
then
echo "$a is minimum"
elif (( b<a && b<c ))
then
echo "$b is minimum"
elif (( c<a && c<b ))
then
echo "$c is minimum"
fi
let j=a+b*c
echo "1. a+b*c = $j"
let l=a%b+c
echo "2. a%b+c = $l"
let k=c+a/b
echo "3. c+a/b = $k"
let m=a*b+c
echo "4. a*b+c = $m"
```