Selection Practice Problems with case statement

1. Read a single digit number and write the number in word using Case

```
read -p "enter single digit number : " n
case $n in
1) echo "one" ;;
2) echo "two" ;;
3) echo "three" ;;
4) echo "four" ;;
5) echo "five" ;;
6) echo "six" ;;
7) echo "seven" ;;
8) echo "eight" ;;
9) echo "nine " ;;
0) echo "zero" ;;
esac
```

2. Read a Number and Display the week day (Sunday, Monday,…)

```
read -p " enter the number for week day name : " n
case $n in
1) echo "SUNDAY" ;;
2) echo "MONDAY" ;;
3) echo "TUESDAY" ;;
4) echo "wednesday" ;;
5) echo "THURSDAY" ;;
6) echo "FRIDAY" ;;
7) echo "SATURDAY" ;;
*) echo "number not exist plz type 1-7" ;;
esac
```

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

```
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. Write a program that takes User Inputs and does Unit Conversion of different Length units
   1. Feet to Inch
   2. Feet to Meter
   3. Inch to Feet
   4. Meter to Feet

```
echo "1. feet to inch
2. feet to  meter
3. inch to feet
4. meter to feet"

read -p "enter the option you want to convert 1 2 3 4 :" a
read -p " enter the value : " b
case $a in
1) let c=$b*12;echo "feet to inch = $c" ;;
3) let d=$b/12 ;echo  "inch to feet = $d" ;;
2) let e=$b*3.2808 ; echo "feet to meter = $e" ;;
4) let f=$b/3.2808 ; echo "meter to feet = $f" ;;
esac
```