Assignment3 (if else, switch case)

Q1

#!/bin/bash  
read -p "Enter two number " number1 number2 # to give message as well as input>  
if [ ${number1}  -gt  ${number2} ]  
then  
        echo "${number1} is greater than ${number2}"  
elif [ ${number1} -lt ${number2} ]  
then  
        echo "${number2} is greater than ${number1}"      
else  
        echo "$number1 and $number2 are equal"  
fi

Q2

!/bin/bash  
echo "Enter three numbers"  
read number1 number2 number3  
if [ $number1 -gt $number2 ]  
then  
        if [ $number1 -gt $number3 ]  
        then  
                echo " ${number1} is maximum among ${number1} ${number2} and $>  
        fi  
elif  [ $number2 -gt $number3 ]  
then  
        echo "${number2} is maximum among ${number1} ${number2} and ${number3}>  
else  
        echo "${number3} is maximum among ${number1} ${number2} and ${number3}"  
fi

Q3

!/bin/bash  
read -p "Enter a number " number  
if [ "$number" -gt 0 ]  
then  
        echo "$number is a positive number"  
elif [ "$number" -lt 0 ]  
then  
        echo "$number is a negative number"  
else  
        echo "$number is zero"  
fi

Q4

!/bin/bash  
read -p "Enter the number" number  
#if [[ $number%5 -eq 0 && $number%11 -eq 0 ]]  
#if  [[ `expr $number%5 == 0` && `expr $number%11 == 0` ]]  
if  [[ $(expr $number%5 == 0) && $(expr $number%11 == 0) ]]  
then  
        echo "$number is divisible by both 5 and 11"  
else  
        echo "$number is not divisible by both 5 and 11"  
fi

Q5

#!/bin/bash  
read -p "Enter a number" number  
if [[ `expr $number%2` -eq 0 ]]  
then  
        echo "$number is even"  
else  
        echo "$number is odd"  
fi

Q6

  GNU nano 6.2                    Q6isLeapYear.sh                                
#!/bin/bash  
read -p "Enter leap year" leapYear  
if [[ `expr $leapYear % 4` -eq 0 ]]  
then  
        echo "$leapYear is a leap year"  
else  
        echo "$leapYear is not a leap year"  
fi

Q7

#!/bin/bash  
read -p "Enter the choise for number between 1 to 10 " number  
case $number in  
        1)  
                echo "One entered";;  
        2)  
                echo "two entered";;  
        3)  
                echo "three entered";;  
        4)  
                echo "four entered";;  
        5)  
                echo "five entered";;  
        6)  
                echo "six entered";;  
        7)  
                echo "seven entered";;  
        8)  
                echo "eight entered";;

       9)  
                echo "nine entered";;  
        10)  
                echo "ten entered";;  
        \*)  
                echo "Please Enter Between one and ten ";;  
esac

Q8

#!/bin/bash  
read -p "Choice the id for corresponding department 1.Dac 2.Dbda 3.Ditiss " id  
case $id in  
        1)  
                echo "Dac selected";;  
        2)  
                echo "Dbda selected";;  
        3)  
                echo "Ditiss selected";;  
        \*)  
                echo "Selected correct id";;  
esac

Q9

!/bin/bash  
read -p "Enter the password " password  
case $password in  
        "abc")  
                echo "Correct password";;  
        \*)  
                echo "Incorrect password";;  
esac

Q10

!/bin/bash  
read -p "Enter the day " day  
case $day in  
        1)  
                echo "Monday";;  
        2)  
                echo "Tuesday";;  
        3)  
                echo "Wednesday";;  
        4)  
                echo "Thursday";;  
        5)  
                echo "Friday";;  
        6)  
                echo "Satturday";;  
        7)  
                echo "Sunday";;  
        \*)  
                echo "Please enter between 1 and 7";;

esac

Q11

#!/bin/bash  
read -p "Calculator Enter the two number and operation to perform " num1 num2 >  
case $operation in  
        '+')  
                echo `expr $num1 + $num2`;;  
        '-')  
                echo `expr $num1 - $num2`;;  
        '\*')  
                echo `expr $num1 \\* $num2`;;  
        '/')  
                echo `expr $num1 / $num2`;;  
        \*)  
                echo "Selected correct operation";;  
esac