Q1:

Ask to input a positive integer n

If n<=1 then it's not a prime number

If n is 2 then it is a prime number

If n is even and greater than 2 then it is not a prime number

If n is odd and not divisible by any number between 2 and n then it is a prime number

Q2:

Ask to enter a day number n where n is between 1-365

Divide n by 7

If the remainder is 1 then its Monday

If the remainder is 2 then its Tuesday

If the remainder is 3 then its Wednesday

If the remainder is 4 then its Thursday

If the remainder is 5 then its Friday

If the remainder is 6 then its Saturday

If the remainder is 0 then it is Sunday

Q3:

Ask to enter two integers a and b

Make sure a>=b

If not, then swap a and b

While b is not equal to 0 do a MOD b

Then set a=b making b as remainder

When b becomes 0 then a contains GCD and viceversa

a will be the GCD of the two numbers