Qu 1: Write pseudo code that tells a user that the number they entered is not a 5 or a 6.

```
Begin
Input number as “num1”
If (num1=5)then:
        Print “5”
         If (num1=6)then:
                Print ”6”
        End if :
                Print ”Number not 5 OR 6”
End if:
End
```

Qu 2: Write pseudo code that performs the following: Ask a user to enter a number. If the number is between 0 and 10, write the word blue. If the number is between 10 and 20, write the word red. if the number is between 20 and 30, write the word green. If it is any other number, write that it is not a correct colour option.

```
Start
Input number as “num2”
If (0 ≤ num2 < 10):
        Print”Blue”
        If (10 ≤ num2 < 20):
                Print “Red”
                If (20 ≤ num2 < 30):
                        Print “Green”
                End if :
                        Print “Not a colour”
        End if:
End if:
End
```

Qu 3: Write pseudocode to print all multiples of 5 between 1 and 100 (including both 1 and 100)

```
Start
x=0
While x ≤ 100 then:
        If x%5=0 then:
                Print "x"
                x=x+1
        End if:
End while:
End
```

Qu 4: Write pseudo code that will perform the following.
a) Read in 5 separate numbers.
b) Calculate the average of the five numbers.
c) Find the smallest (minimum) and largest (maximum) of the five entered numbers.
d) Write out the results found from steps b and c with a message describing what they are.

```
Start
Input number as "a"
max,min,total=a
n=1
While (n<=4):
        Input number as "x":
                total=total+x
                If max<x:
                        max=x
                Else:
                        max=max
                        If min>x:
                                min=x
                        Else:
                                min=min
                                n=n+1
                                ava=total/5
                                Print "ava"
                                Print "min"
                                Print "max"
        End if:
End while:
End
```

Qu:4.4 min<ava<max