

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

```
Begin
Read number as n,
If (n=5) then
    Display " this is number 5"
Else if (n=6) then
    Display "this is number 6"
Else
    Display "this is incorrect number "
Endif
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.**

```
Begin
Read number as n
If(n<10) then,
    Display "Blue"
Else if (n<20)then,
    Display "red"
Else if (n<30)then,
    Display "green"
Else:
    Display "no colour"
Endif
Endif
Endif
End
```

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

```
Begin
n=0
while n<100 then,
  If n=n+5
    Display n
  End if
End
```

or

```
Begin
n=5
While n<100 then,
  If n%5=0 then,
    Display n
    n=n+1
  Endif
end
```

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**

```
Begin
Input number as a
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
avg=total/5
print(avg)
print(max)
print(min)
End if
End
```