

Exercise 1

Q1

Start

Input X

If $X = 5$ then

Display 5

Else if ($X = 6$) then

Display 6

Else

Display " number not 5 or 6 "

Stop

Q2

Start

Input a number as X

If ($0 < X < 10$) then

Display " Blue "

Else if

If ($X < 20$) then

Display " Red "

Else if

If ($X < 30$) then

Display " Green "

Else if

Display " it is not a correct colour option "

Else end

Else end

Else end

End

Q3

Start

```
X = 0
While ( X < 100 ) then
    X= X+5
Display X
Stop while
```

Stop

Q4

Start

```
Read number ( X , Y , Z , A , B )
Sum = X + Y + Z + A +B
Average = Sum / 5
Display Average
```

Stop

Start

```
Read number ( X , Y , Z , A , B )
If X > Y
    Max = X
Else
    Max = Y
    If ( Max < Z )
        Max = Z
Else
    Max = Max
    If ( Max < A )
        Max = A
Else
    Max = Max
    If ( Max < B )
        Max = Max
```

End if
End if
End

Start

Read number (X , Y , Z , A , B)

If $X < Y$

Min = X

Else

Min = Y

If (Min > Z)

Min = Z

Else

Min = Min

If (Min > A)

Else

Min = Min

If (Min > B)

Min = B

Else

Min = Min

End if

End if

End

Min < Avg < Max