

UKISTU17

Komila

Question 1

Begin

Input x

If $x=5$

Print , $x=5$

Else

if $x=6$

print, $x=6$

Else

print x not equal to 5 or 6

End if

End if

End

Question 2

Begin

Input x

If $0 < x > 10$

Display in blue

Else

If x between $x < 20$

Display in red

Else

if x between $x < 30$

Display in green

Else

No colour option

End if

End if

End if

End

Begin

$x=1$

Print x

$x=x+4$

```
While x<=100
  Print x
  x=x+5
End while
End
```

Or

```
Begin
  x=1
  Print x
  While x<=20
    Print x
    x=5*x
  End
```

Question 4

a)

```
Begin
  Input p,q,r,s,t
  y=p+q+r+s+t /5
  Print y
End
```

(b)

```
Begin
  If p>q
    max=p
  Else
    max=q
  If r>max
    max=r
  Else
    max=p or q
  If s> max
    max=s
  Else
    max=p or q or r
  If t>max
    max=t
```

```
    Else
        max=p or q or r or s
        Print max
End
```

```
(c)
Begin
    If p<q
        min=p
    Else
        min=q
    If r<min
        min=r
    Else
        min=p or q
        If s< min
            min=s
        Else
            min=p or q or r
            If t< min
                min=t
            Else
                min= p or q or r or s
                Print min
            End
        End
    End
End
```