

Algorithmus für Aufgabe 3

```
Sub verteilung (alter, n)
  Dim n as Integer, a as Integer, Gruppe as Integer, k as Integer
  Dim WAltersgr(1 to 10) as Integer, MAltersgr(1 to 10) as Integer, alter(1 to n)
  as Integer
  For k = 1 to 10
    WAltersgr(k) = 0;
    MAltersgr(k) = 0
  Next
  k = 0
  Do
    k = k + 1
    a = ceiling (abs(alter(k)) / 10)
    if AAA then
      BBB
    end if
  Loop
```

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```
if alter(k) > 0 then
  WAltersgr(a) = WAltersgr(a) + 1
Else
  CCC
end if
Loop Until DDD
a = -10
For k = 1 to 10
  if EEE then
    a = WAltersgr(k) + MAltersgr(k)
    Gruppe = k
  end if
Next
Msgbox("Eine größte Altersgruppe ist" & Gruppe & " mit " & a & " Personen")
End Sub
```

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