```
Start program
      i=0
      evenSum =0
      oddSum=0
      diff=0
      for i=1 to 100
             if i%2=0 then
                   evenSum = evenSum + i
             else
                   oddSum = oddSum + i
             end else
             end if
      end for
      diff = evenSum - oddSum
      write diff
end program
```