

```
Start program
  i=0
  evenSum =0
  oddSum=0
  diff=0
  for i=1 to 100
    i=i+1
    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
```