$$H = \begin{pmatrix} h_{11} & h_{12} \\ h_{12} & -h_{11} \end{pmatrix}$$
  
here  $h_{22} = -h_{11}$ ,  $h_{21} = h_{12}$ 

$$h = \frac{h_1 + ih_{12}}{\sqrt{2}}, \quad \bar{h} = \frac{h_{12} - ih_{12}}{\sqrt{2}}$$

$$\partial = \frac{\partial_1 + i \partial_2}{\sqrt{2}}, \ \overline{\partial} = \frac{\partial_1 - i \partial_2}{\sqrt{2}}$$

I have to calculate terms like

= 2(dihirdihirt dihizdihiz) +2(delindelint delizabie)
also tormolike dehil > this has mired indices.

you can use other notations in place of
d, d, and o for h you can you use I while

writing programm.