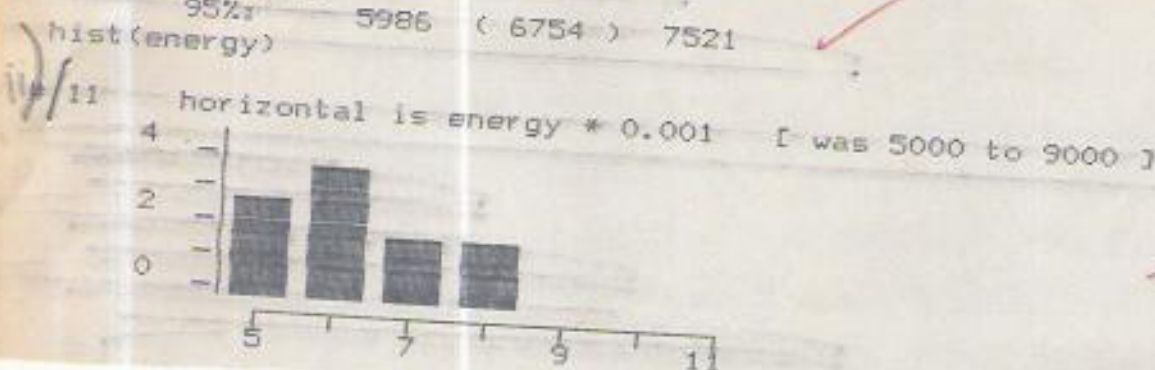


2a)

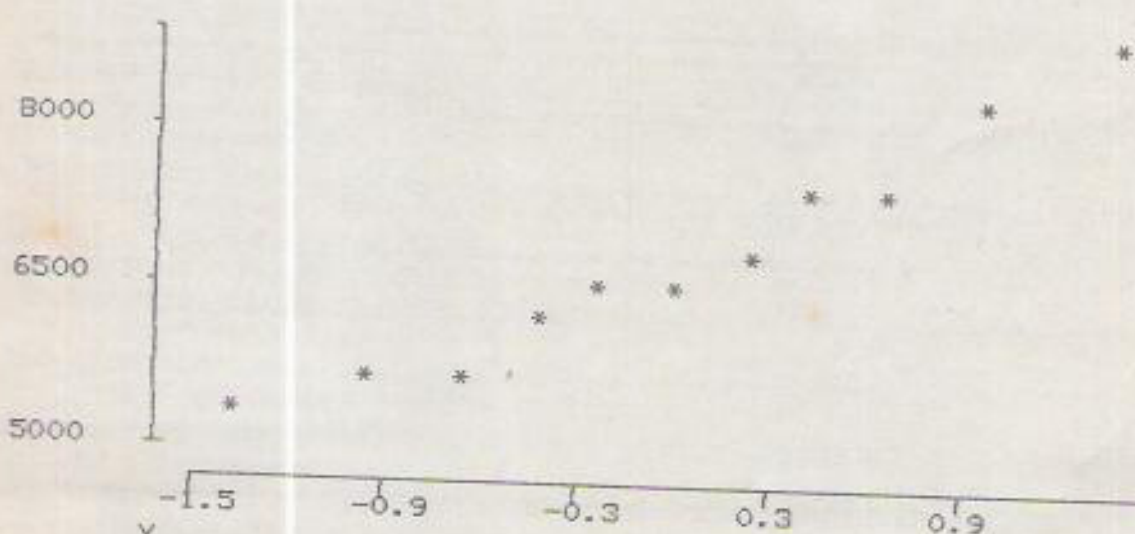
```
load(energy)
> energy[11] (M246 p.000)
tici(energy, 95)
95% 5986 ( 6754 ) 7521
```

$\frac{2}{2}$



The histogram has the approximate shape of a normal plot.

zplot(energy)



The probability plot above does fit well to a straight line, though there may be a slight upward curve. A normal model is plausible though a transformation might provide a better fit.

$\frac{3}{3}$