```
Work done:
The work done is equal to the product of the force and the distance travelled in the same direction of the force.
Work done = force \times distance in direction of force W = F \times S \times Cos(\alpha)
object {t=0, v=0} --- Where x is the angle between the direction of force and the direction of motion.

Force protion
              object {t=t, ke =
                                                              warieble with time
     V = \frac{ds}{dt} W_{i} = |E| \times |S| \times Cos(o_{i})
                                   = / E/X/S/X | E ( (U+E = ))
     at = arcles (F.V.) - where E is force vector and Vt is velocity vector

Deforce vector is constant

Velocity vector isn't
    V_{t} = U + E \frac{t}{m} \rightarrow E = u
    Cos(\alpha) = |E \cdot (u + E + E)|
|E| |u + E + E|
|E|X|X = \int_{C}^{t} \frac{E \cdot (u + E^{t})}{|E||u + E^{t}|} dt = ke
```