Output

```
  site = AddressKey::Site(128)
  site = MixColumns(site)
  site = ShiftRows(site)
  site = SubBytes(site)

  for i = 1 to 2 do
    site = inMessage(i, 128)

  end
```

Input:

Simple AES

Cipher [35] 1 ntu
\textbf{Message of XOR mask and Addresskey}

\begin{figure}
\centering
\includegraphics[width=\textwidth]{figure1.png}
\caption{Diagram showing the relationship between XOR mask and Addresskey.}
\end{figure}

\subsection{Message of XOR mask and Addresskey}

\begin{figure}
\centering
\includegraphics[width=\textwidth]{figure2.png}
\caption{Diagram showing the XOR mask and Addresskey in action.}
\end{figure}
\[ (1-d) \text{ pow } \beta(g_3 + w) = \mu \]

\[ \text{and hence} \quad (\beta') \text{ such that} \quad \beta' \geq \beta \]

\[ \text{and} \quad 1-d > \beta' \quad \text{such that} \quad \mu \text{ is such that} \quad (g'_3 \beta') \text{ such that} \quad w \]