CSC231 Project2

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1. Regular Expression for Language 1 is $(GT|C|\epsilon)(AG(AG)^*)(CT(CT)^*)G(GC|\epsilon)$

2. Regular Expression for Language 2 is $(04|06|09|11) - ((0[0-9])|(1[0-9])|(2[0-9]|30))$
   $|((01|03|05|07|08|10|12) - ((0[0-9])|(1[0-9])|(2[0-9])|30|31))$
   $|02 - ((0[0-9])|(1[0-9])|20|21|22|23|24|25|26|27|28)$

3. Regular Expression for Language 3 is $(00^*11^*22^*11^*00^*)|(00^*22^*00^*)$

[0-9] means the number