



## AAD - Assignment 1

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## 1 Introduction

In this assignment we were tasked with implementing search functions for a cryptocurrency, "**deti coin**", using many different search algorithms and type of instructions.

This coin is a file with exactly 52 bytes whose MD5 message-digest1, when printed in hexadecimal, ends with at least 8 hexadecimal zeros (i.e., its last 32 bits are all 0). The file contents must begin with "DETI coin " (note the space at the end) and must end with a newline ('\n' in C). The other bytes may have arbitrary values, but it is strongly recommended that these other bytes encode utf-8 text.

## 2 Method

## 3 Results

## 4 Discussion