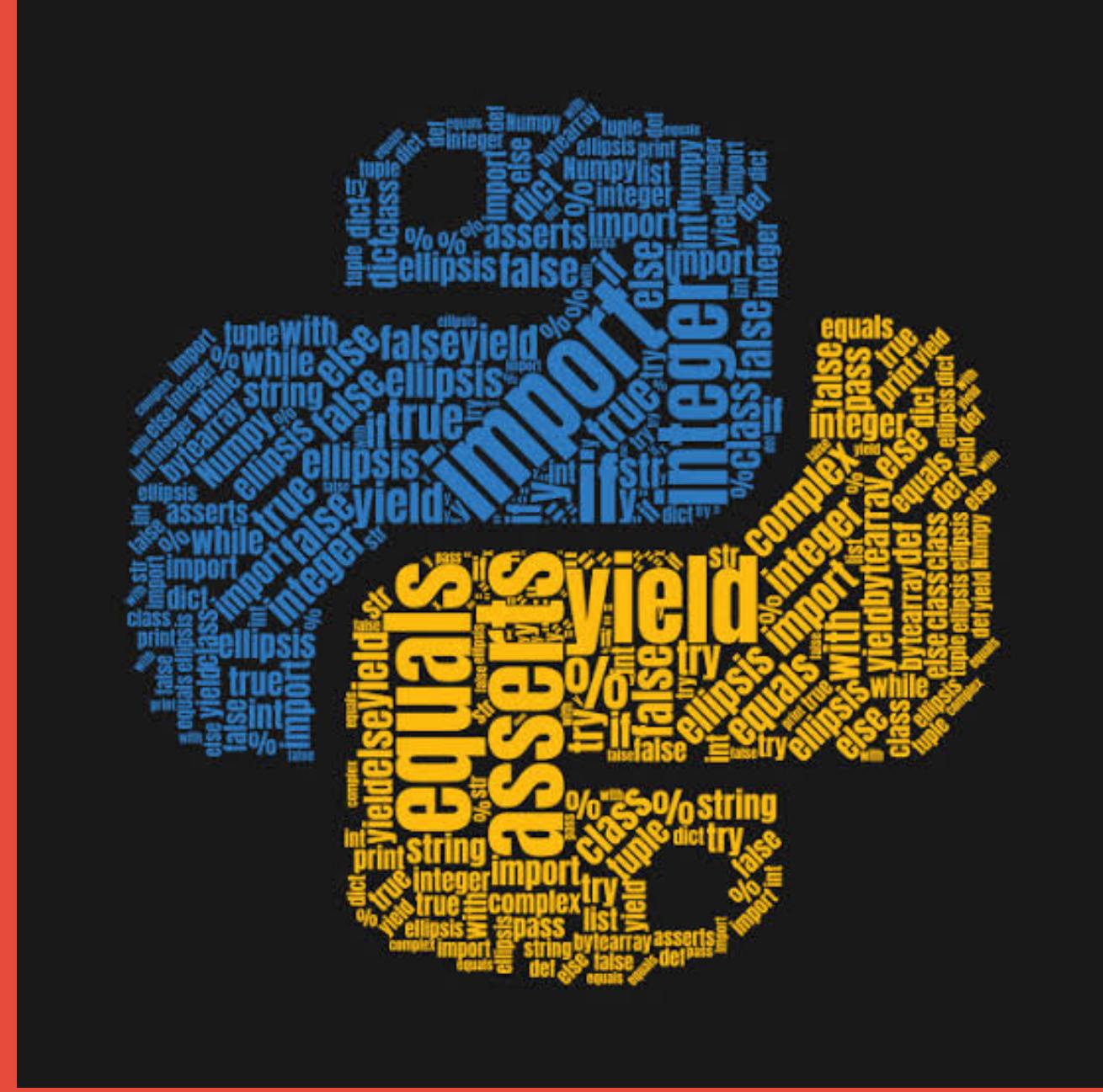


Code-o-Morse

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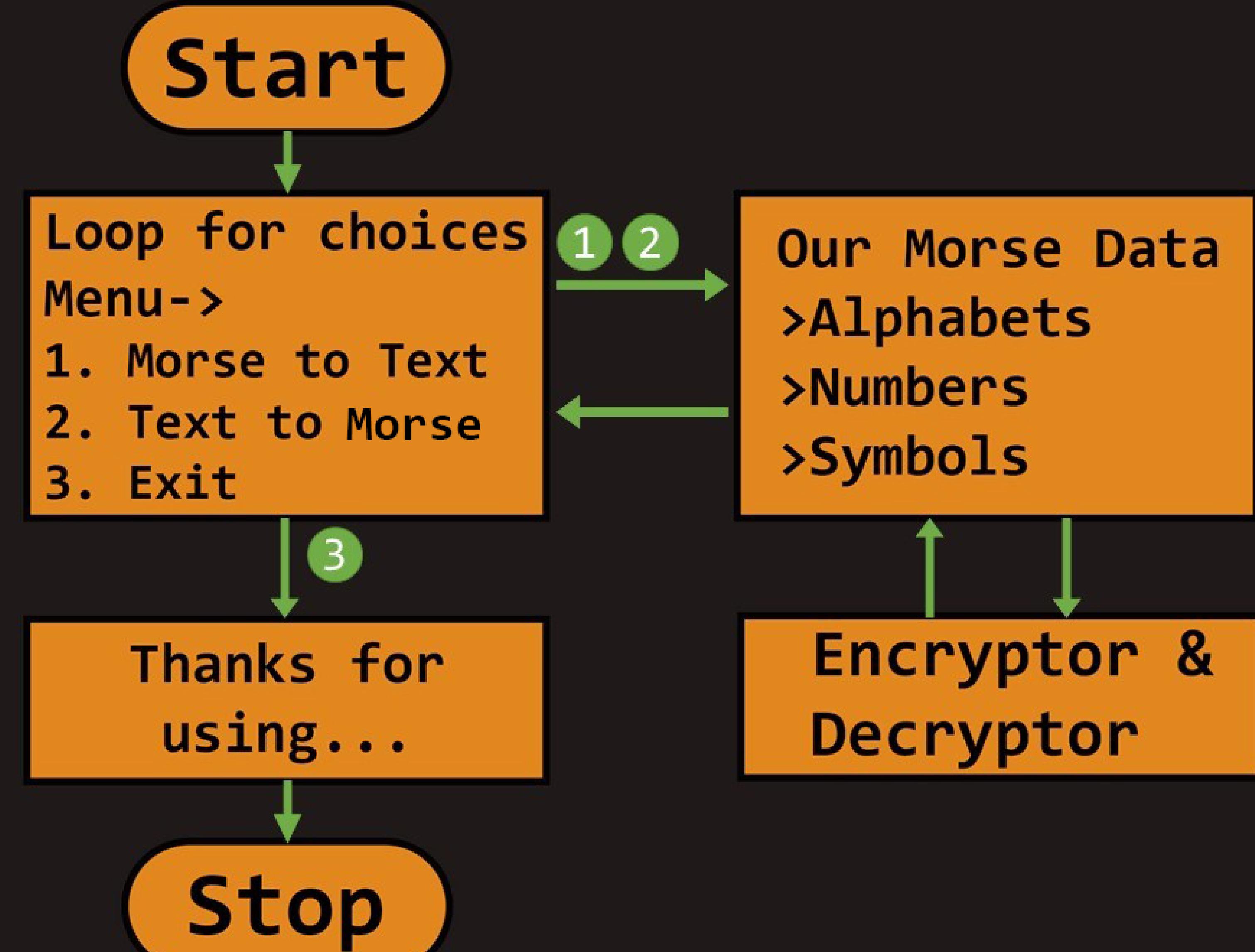
IDEOLOGY

Morse is a method used in telecommunication to encode text characters as standardized sequences of two different signal durations called dots and dashes or Dits and Dahs. It was invented by Samuel Morse , in year 1840s

Before invention of telegraph, messages had to be sent by messengers, who memorized it or carried them in writing, and it took days to be delivered. But Morse code changed our way of communication. In its time of invention, it was the fastest form of communication.

Most of the Defense Organizations still use it for communication.

METHODOLOGY



PROJECTIONS

- Planning to add the actual sound of .(dot) and -(dash) along with the morse output, but not vice versa
- Can make a GUI version of our code and then convert it into .exe or .apk format

IMPLEMENTATIONS

- Morse code can be understood easily.
- It can be used on any IDE that supports python.
- This code contains only 2 characters . (dot) and - (dash) arranged in a way, for which small bandwidth is required for transmission.
- Its simplicity adds more advantages while converting and transmitting.
- It is a cheap and wireless mode which can be received at any desireable speed.

DEMANDS

- Used in Aviation for establishing communication between pilot and service station
- Kids can play spy games using Mores code by sending messages to each other that aren't readable by their parents
- SoS signals can be sent through any mode of signal transmitter in any difficult situation if you re trapped or ship wrecked
- Army uses Mores code to send precise intel about enemy territory using Telegraph sound setup