Welcome user and input user name

Start

Display of menu and input user choice

If choice=1?

True

Text to Morse

Input text

False

If choice=2?

True

Morse to Text

Input Morse code

False

If choice!=3

True

Display invalid choice

False

Display of thank-you message for the user

Text to Morse

Create an array of size 36 and storing all the morse values of A-Z and 0-9

True True False True False

Print Invalid char

Print “ “

Len=strlen(text)

Getting string length of input text

For loop from i=0 to Len

Print char

Get the index value

If text[i] == ' '?

If text[i] is in the array?

Create an array of size 36 and storing all the morse values of A-Z and 0-9

Morse to Text

For loop from j=0 to 35

Buffer[Index]=’\0’

If text[i] == ' '?

For loop from i=0 to Len

Create a pointer for alphanumeric value

len=strlen(morsetext)

create a buffer of size 100

False

buffer[Index++] = morse[i]

True

Print char

If compare morse and buffer[j]

False True