

11. Piano

- Write a complete Assembly program that can create the sound of a PIANO where one can play different notes using keyboard

- **Helping Information**

- **Piano Keys**

Do	--->	q	a	z
Re	--->	w	s	x
Me	--->	e	d	c
Fa	--->	r	f	v
SOL	--->	t	g	b
La	--->	y	h	n
Ce	--->	u	j	m

- The user can press any key to produce the mapped sound as mentioned above
 - You can produce any sound by knowing it's frequency
 - The user have the availability to replay the last note he entered
 - If the user didn't enter any note you must display a friendly message:
"You didn't enter any note"
 - The user can press "esc" to exit the program

- **Sample Run:**

Welcome to Piano Program

Press 1: To replay the note you entered

Press Esc: To exit

You are now free to play Piano

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- **References:**

- Producing Sound: use windows **Beep** function, it takes frequency & Duration

Beep **proto** Frequency : **Dword**, Duration : **Dword**

- **Ex:** invoke Beep 783, 200