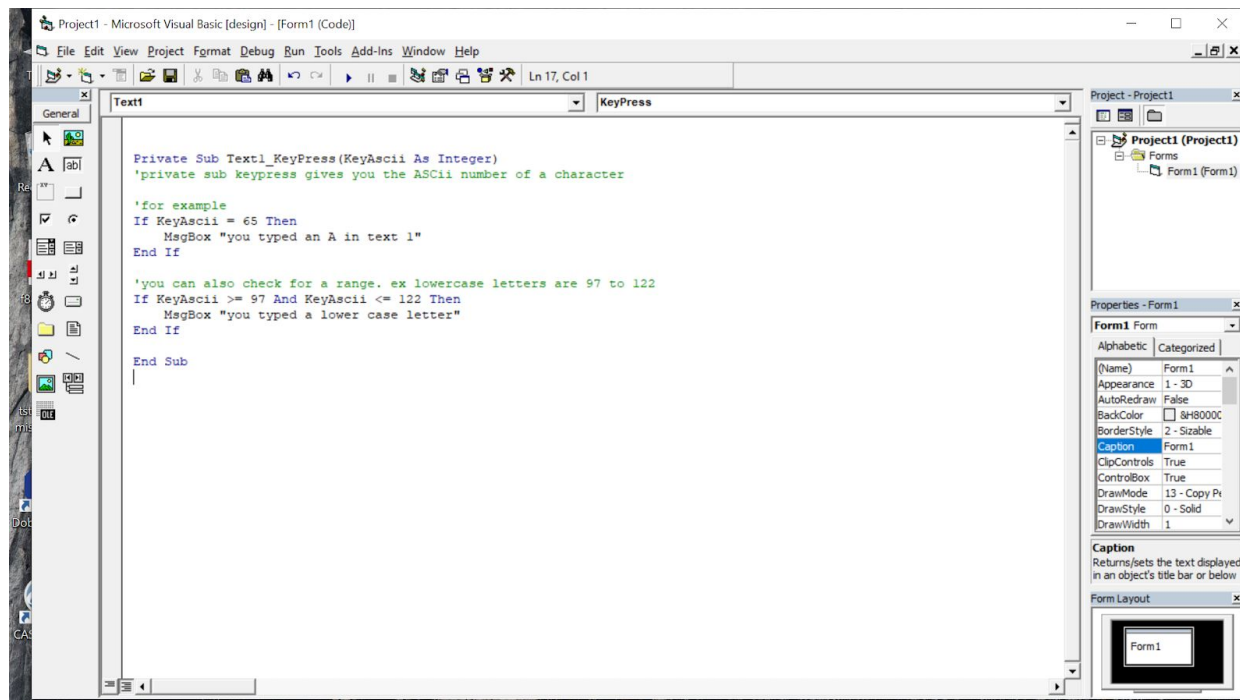


## Programming: Password check program

- Watch the 2 min youtube video “what is ASCII ?” from bitmerge
- Google “ascii table” and find a table.
  - Locate “A”. It should be 65
  - “G” is 103
- Make a form w a textbox “text1”
  - In code window, Select “text1” in upper left, then “KeyPress” in upper right
  - KeyPress will give you the ascii value of any character you press (type) in the textbox



```
Project1 - Microsoft Visual Basic [design] - [Form1 (Code)]
File Edit View Project Format Debug Run Tools Add-Ins Window Help
Ln 17, Col 1
Text1 KeyPress
Private Sub Text1_KeyPress(KeyAscii As Integer)
'private sub keypress gives you the ASCII number of a character
'for example
If KeyAscii = 65 Then
MsgBox "you typed an A in text 1"
End If
'you can also check for a range. ex lowercase letters are 97 to 122
If KeyAscii >= 97 And KeyAscii <= 122 Then
MsgBox "you typed a lower case letter"
End If
End Sub
```

- Above gives an example of how to detect if the user typed an “A” or any lowercase letter
- Make a program to determine the strength of a password. Once good, turn the form color green
  - The password must contain:
    - An upper case letter
    - A lower case letter
    - A number
    - A special character

- Be at least 8 characters long
- Show which conditions are met or not using a method of your choice
  - Ex icons, pictures, sentences....