

COMP B10 – INTRO TO PROGRAMMING METHODOLOGIES USING PYTHON

Assignment #3 (Polling Station Loop)

Create the Python program that will allow users to determine their voter polling station.

Your program should be able to create a run that looks EXACTLY like the sample runs on the back.

Your program should perform the following:

1. Print “VOTER ELIGIBILITY AND POLLING STATION PROGRAM” as your heading.
2. Print 2 blank lines.
3. Prompt the user for their age. Indicate to type zero ‘0’ to exit the program.
4. Perform one of three actions:
 1. If the user’s age is less than 18, print “YOU ARE INELIGIBLE TO VOTE” and prompt again for their age and repeat the process.
 2. If the user’s age is 18 or older
 - Prompt the user for their residence’s zip code
 - If the zip code is 93305 then print “Your polling station is 123 Panorama Drive.”
 - If the zip code is 93306 then print “Your polling station is 6143 Fairfax Drive.”
 - If the zip code is 93307 then print “Your polling station is 21121 B Street.”
 - If the zip code is 93308 then print “Your polling station is 863 Desmond Ct.”
 - If the zip code is 93309 then print “Your polling station is 7332 Del Canto Ct.”
 - Print “Error – unknown zip code” if the zip code is not one of the above.
 - Prompt again for their age and repeat the process.
 3. If the user entered ‘0’ for their age, terminate the program in the normal method.

Additional notes:

- You must use the program template for your program.
 - Upload a copy of your program source code to Canvas.
 - Your messages and prompts must look EXACTLY like those in the sample. Duplicate all blank lines and spacing.
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Sample runs:

VOTER ELIGIBILITY AND POLLING STATION PROGRAM

Enter your age (Type '0' to exit program): 19

Enter your residence's zip code: 93308
Your polling station is 863 Desmond Ct.

Enter your age (Type '0' to exit program): 45

Enter your residence's zip code: 93301
Error - Unknown zip code.

Enter your age (Type '0' to exit program): 18

Enter your residence's zip code: 93309
Your polling station is 7332 Del Canto Ct.

Enter your age (Type '0' to exit program): 12

YOU ARE INELIGIBLE TO VOTE.

Enter your age (Type '0' to exit program): 0

Run complete. Press the Enter key to exit.