Servo Motors Feedback System Algorithm

Electronic parts:

1) 2 Servo motors
2) 1 Potentiometer
3) 1 Arduino Uno

Steps:

1) Connect two servo motors with two digital pins on Arduino
2) Connect a potentiometer into an analog pin on Arduino
3) Connect all to the 5V pin on Arduino and the Ground pin
4) Include servo library to control servo motors
5) Include EEPROM library to save the potentiometer (first servo) position
6) Declare all pins in the Arduino sketch void setup
7) Start the work in void loop
8) The potentiometer (which consist the first servo hand in real robot) will be moved
9) The value of the potentiometer will be read in actual range (0-1023)
10) The value of the potentiometer will be converted into the servo angle range (0-180)
11) The converted value will be saved in the EEPROM index using put fun because it's an integer
12) The value of the EEPROM index will be read using get fun because it's an integer and name it as a variable
13) Using write function of servo library the two motors (in reality only the second bc first is already moved by the user) will move according to the variable value