1. Write the following expressions in Python.
   A. \( z = -a + b \cdot c \)  
   B. \( z = e + \frac{a - b}{c + d} \)  
   C. \( z = z^3 \)  
   D. \( z = y^2 + 4x^3 \)  
   E. \( z = \text{integer of} \ x \)  

2. Determine the legal Python variable names.
   - Amps
   - glazzy34
   - A
   - r#t
   - else
   - salary!6
   - ohms.load
   - 2b1
   - print
   - Third Resistor

3. Evaluate the following expressions where \( a=2 \) and \( b=3 \).
   A. \( x = a+4\times b \)  
   B. \( x = b+a/2-1 \)  
   C. \( x = \text{float}(5+a/b) \)  
   D. \( x = \text{pow}(a,b-1)/2+1 \)  
   E. \( x = b//a \)  

4. Correct the syntax error(s) in the lines below, if any.
   A. # This is my first program
   B. Print "This program calculates deviations"
   C. \( v = \text{float}( \text{input}( \text{Please enter the battery voltage} )) \)
Answers

1. Write the following expressions in Python.
   A. \( z = -a + b \cdot c \)  
      \[ \text{z = -a+b*c} \]
   B. \( z = e + \frac{a-b}{c+d} \)  
      \[ \text{z = e+(a-b)/(c+d)} \]
   C. \( z = z^3 \)  
      \[ \text{z = z**3 or z = pow(z,3)} \]
   D. \( z = y^2 + 4x^3 \)  
      \[ \text{z = y**2 + a*pow(x,3)} \]
   E. \( z = \text{integer of } x \)  
      \[ \text{z = int(x)} \]

2. Determine the legal Python variable names.
   Amps  
   glazzy34  
   A

3. Evaluate the following expressions where \( a=2 \) and \( b=3 \).
   A. \( x = a+4*b \)  
      \[ x = 14 \]
   B. \( x = b+a/2-1 \)  
      \[ x = 3 \]
   C. \( x = \text{float}(5+a/b) \)  
      \[ x = 5.666… \]
   D. \( x = \text{pow}(a,b-1)/2+1 \)  
      \[ x = 3 \]
   E. \( x = b//a \)  
      \[ x = 1 \]

4. Correct the syntax error(s) in the lines below, if any.
   A. # This is my first program  
      \[ \text{OK} \]
   B. print( "This program calculates deviations")  
   C. v = float( input( "Please enter the battery voltage" ))