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PART 2

1. Provide five (5) data types in Java.
   1. Int
   2. Byte
   3. Char
   4. Bool
   5. Double
2. Declare and initialise a variable for each of the data types mentioned in (i) above.
3. int ageNumber = 2;
4. byte ageNumber2 = 23;
5. char firstLetter = “f”;
6. bool javaTough = True;
7. double cameraSize = 38.5;

**For program 1:**

The program displays the instruction for the user to follow to achieve output. For each number the user enters, the number is checked under a while loop function block to see if it is an odd or even number, together with the number of zeros. The count is kept for each loop and the number of counts is computed until the user enters a negative number for the loop to break. Finally, an output is displayed for the total number of even, odd, and zeros the user entered with a thank you message.

**For program 2:**

The program asks the user for the number of classes they take per semester, the credit unit, and the letter grade. Using this information, the program computes for GPA and displays it together with the total credits and total points.