Name:

(a) 1 public static void printMessage() {
  2    Scanner sc = new Scanner(System.in);
  3    int userInput = sc.nextInt();
  4    if (userInput > 0) {
  5        System.out.println("is positive");
  6    }
  7    if (userInput % 2 == 0) {
  8        System.out.println("is even");
  9    }
 10   else if (userInput % 3 == 0) {
 11        System.out.println("is divisible by 3");
 12    }
 13    System.out.printf("User inputted %d\n", userInput);
 14 }

Imagine we run the following method above:

(i) [2 pts] Below, write out what is printed when the user inputs 0:

is even
User inputted 0

(ii) [2 pts] Below, write out what is printed when the user inputs 6:

is positive
is even
User inputted 6

(iii) [2 pts] Below, write out what is printed when the user inputs -6:

is even
User inputted -6

(iv) [1 pt] What is this method’s return type?
void

(v) [1 pt]

(vi) [? pts] How many parameter’s does this method have?
0