

Name:

(a) 

```
1 public static void printMessage() {  
2  
3     Scanner sc = new Scanner(System.in);  
3     int userInput = sc.nextInt();  
4  
5     if (userInput > 0) {  
6         System.out.println("is positive");  
7     }  
8     if (userInput % 2 == 0) {  
9         System.out.println("is even");  
10    }  
11    else if (userInput % 3 == 0) {  
12        System.out.println("is divisible by 3");  
13    }  
14    System.out.printf("User inputted %d\n", userInput);  
15 }
```

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