Quiz 3 2/7/19  Name:___________________________ ___/20

1. What gets printed? Please show output as it will appear or indicate “NO OUTPUT”. If it’s an infinite loop, be sure to show at least 3 lines of output followed by “INFINITE LOOP.”

```java
int a = 4;
while (a>0)
{
    System.out.println(a);
    a--;
}
```

```
Output: 4
3
2
1
```

```java
int a = 4;
while (a>0)
{
    a = a + 2;
    System.out.println(a);
}
```

```
Output: 6
8
10 ...
```

```java
int n = 1;
while (n <= 4)
{
    System.out.println("n");
    n++;
}
```

```
Output: 
n
nn
```

```java
int a = 0;
while (a <= 6)
{
    if ((a%2)==0)
    {
        System.out.println(a);
        a++;
    }
}
```

```
Output: 0
2
4
6
```

```java
int a = 1;
while (a < 4)
{
    System.out.println(3*a);
    a++;
}
```

```
Output: 3
6
9
```
1. What gets printed? Please show output as it will appear or indicate “NO OUTPUT”. If it’s an infinite loop, be sure to show at least 3 lines of output followed by “INFINITE LOOP.”

```
int a = 4;
while (a>0) {
    System.out.println(a);
    a = a - 2;
}

int a = 0;
while (a<0) {
    a--;
    System.out.println(a);
}

int a = 1;
while (a < 7) {
    if ((a%2)==0)
        System.out.println(a);
    a++;
}

int a = 1;
while (a <= 20) {
    System.out.println(a);
    a += 5;
}
```

Output: 4
2

Output: NO OUTPUT

Output:
1
2
6
11
16

Output: a
a
a
da