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 = 1;
while (a < 3)
{
    System.out.println(2*a);
    a++;
}
```

```
int a = 10;
while (a < 20)
{
    a += 5;
    System.out.println(a);
}
```

```
int a = 1;
while (a > 3)
{
    System.out.println(5*a);
    a++;
}
```

```
int a = 1;
while (a < 5)
{
    if ((a%2)==0)
        System.out.println(a);
    a++;
}
```

```
int a = 0;
while (a < 3)
{
    System.out.println("a");
    a++;
}
```
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 < 8)
{
    System.out.println(a);
    a = a + 2;
}
```

```java
int a = 3;
while (a > 0)
{
    a = a + 2;
    System.out.println(a);
}
```

```java
int a = 0;
while (a <= 5)
{
    if ((a%2)==0)
    {
        System.out.println(a);
        a++;
    }
}
```

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

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