Loops

Syntax:

```
for (<initialize>; <test>; <iteration>) {
    <statements>;
}
```

What do each of the following loops print?

```
for (int i=0; i<3; i++)
   for (int j = 0; j<3; j++)
       System.out.println(i + " " + j);
```

```
for (int j=0; j<3; j++)
   for (int i = 0; i<3; i++, j++)
       System.out.println(j + " " + i);
```

```
int j=4;
for (int i=0; i<j; i++,j=j+4)
   for (; j>2; j=j/2)
       System.out.println(j + " " + i);
```

```
for (int i=0; i<10; i++,System.out.println(i))
     {}
```