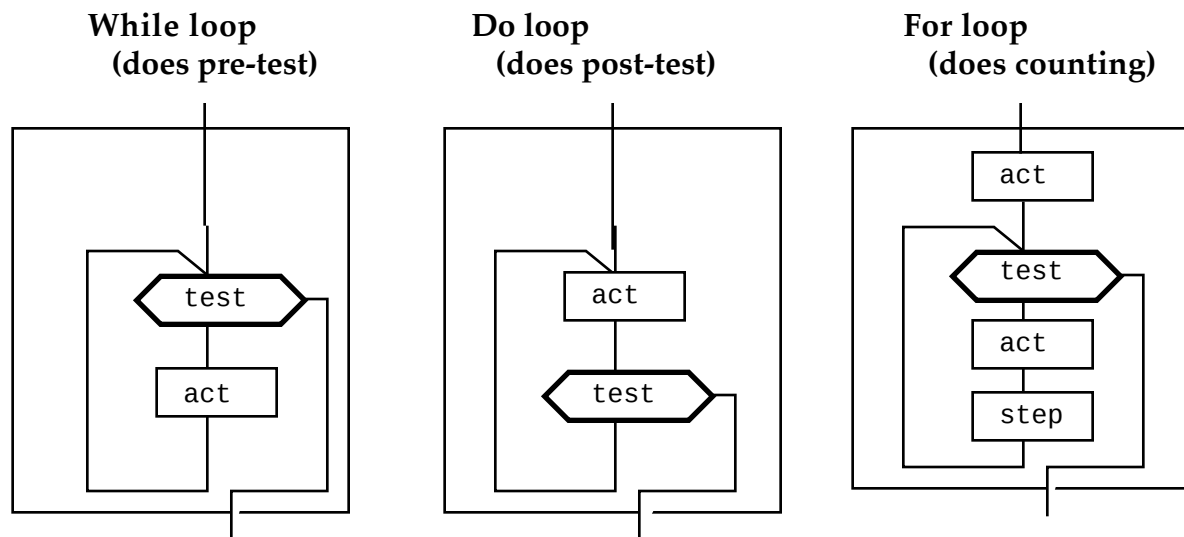
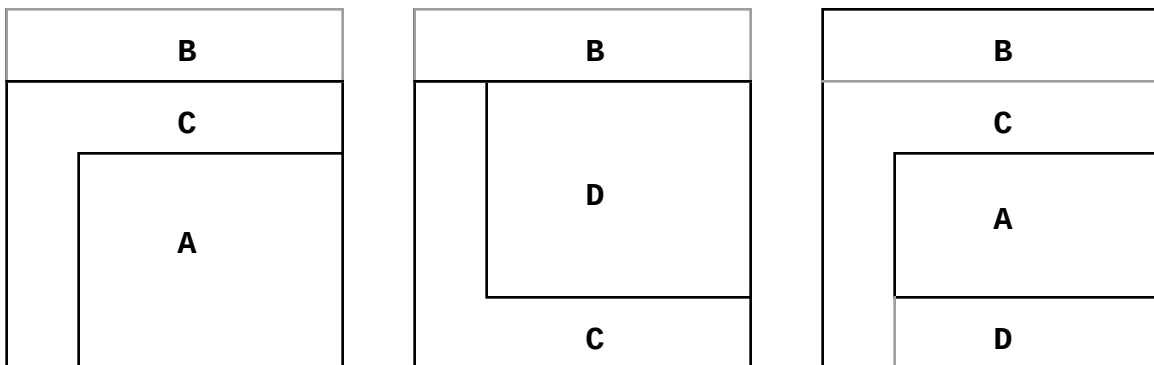


LOOPS in Java (3 kinds)



Flow Block Diagrams of the Java Loops



Examples: Loops to output values from M to N by step of S

```
// Loop & count
// with a while
// (pre-test)

int i = M;
while (i <= N) {

    OutInt ( i );

    i = i + S;
} // endwhile
```

```
// Loop & count
// with a do
// (post-test)

int j = M;
do {

    OutInt (j);

    j = j + S;
} while (j <= N);
```

```
// Loop & count
// with a for
// (pre-test)

int k;
for (k = M; k <= N; k += S) {

    OutInt (k);

} // end for
```