GROUP 1: Loops

a)
```
int i = 0;
while (i < n) {
    ...
    i++;
}

for(int j = 3; j < n * n; j += n) {
    ...
}

int k = 1;
while (k < n) {
    ...
    k *= 2;
}
```

b)
```
for(int i = 1; i < n; i += 3) {
    for(int j = 3; j < 10; j++) {
        for(int k = 5; k < n; k += n) {
            ...
        }
    }
}
```

c)
```
int i = n;
while(i > 1) {
    for(int j = 1; j < n; j += 2) {
        ...
    }
    i--;
}
```

d)
```
int counter = 1;
while (counter < 7 * n) {
    counter += 2;
}
for(int counter2 = n; counter2 > 0; counter2 /= 2) {
    ...
}
```

e)

```
int a = n / 2;
while (a < n) {
    int b = 0;
    while (b < n) {
        int c = n;
        while (c > 1) {
            ...
            c /= 3;
        }
        b += 50;
    }
    a++;
}
```