1. A

int x = 0;

while(x \* x < n) {

*out*.println(x \* x);

x += 1;

}

1. B

int x = 10;

while(x < n) {

*out*.println(x);

x += 10;

}

1. C

int x = 1;

while (x < n) {

*out*.println(x + " ");

x = x \* 2;

}

1. TRACING TABLES

I J N

1, 9, 1

2, 8, 2

3, 7, 3,

4, 6, 4

5, 5, 5

B. I J N

1, 1, 1

2, 3, 4

3, 6, 10

4, 10, 20

5, 15, 35

C. I J N

9, 1, 9

8, 2, 15

7, 3 18

6, 4, 18

5, 5, 15

4, 6, 9

3, 7, 0

D. I J N

2, 8, 1

4, 6, 2

6, 4, 3

8, 2, 4

E. I J N

2, 4, 4

1, 4, 8

0, 4, 12

1. int x = 1;
2. int count = 0;
3. while (x <= 10) {
4. count = count + x;
5. x+=1;
6. }

4.

int n = 100;

double pi = 0.0;

int i = 0;

while (i < n) {

if (i % 2 == 0) {

pi += (-4.0) \* (1.0 / (2 \* i + 1));

} else {

pi -= (-4.0) \* (1.0 / (2 \* i + 1));

}

i++;

}

*out*.println(pi);

5.

int areaBound = 900; // add whatever value u want

int sum = 0;

int n = 1;

while (n \* n < areaBound) {

int m = 1;

while (m \* m < areaBound) {

sum += (n \* n) + (m \* m);

m++;

}

n++;

}

out.println(pi);