



Quiz 1

Sec:      B.N.:      Name:

---

Consider the following programs/algorithms:

A

```
Count ← 1;
while (Count ≠ 10) do {
    print Count;
    Count ← Count + 2;
}
```

B

```
Count ← 0;
while (Count ≠ 10) do {
    print Count;
    Count ← Count + 2;
}
```

C

```
Count ← 10;
while (Count ≠ 0) do {
    Count ← Count - 2;
}
print 10 - Count;
```

D

```
Count ← 10;
repeat {
    print Count;
    Count ← Count - 2;
} until (Count > 0)
```

E

```
Count ← 0;
repeat {
    Count ← Count + 2;
    print Count;
} until (Count = 10)
```



---

Answer the following questions:

0. Sample:

A  B  C  D  E

1. Two algorithms have the same stop condition:

A  B  C  D  E

2. Two programs produce the same output:

A  B  C  D  E

3. A non terminating program:

A  B  C  D  E

4. Two programs do the same number of iterations:

A  B  C  D  E

5. A program do only one iteration:

A  B  C  D  E