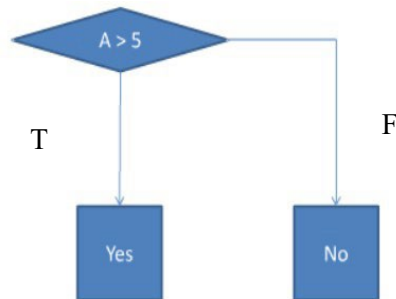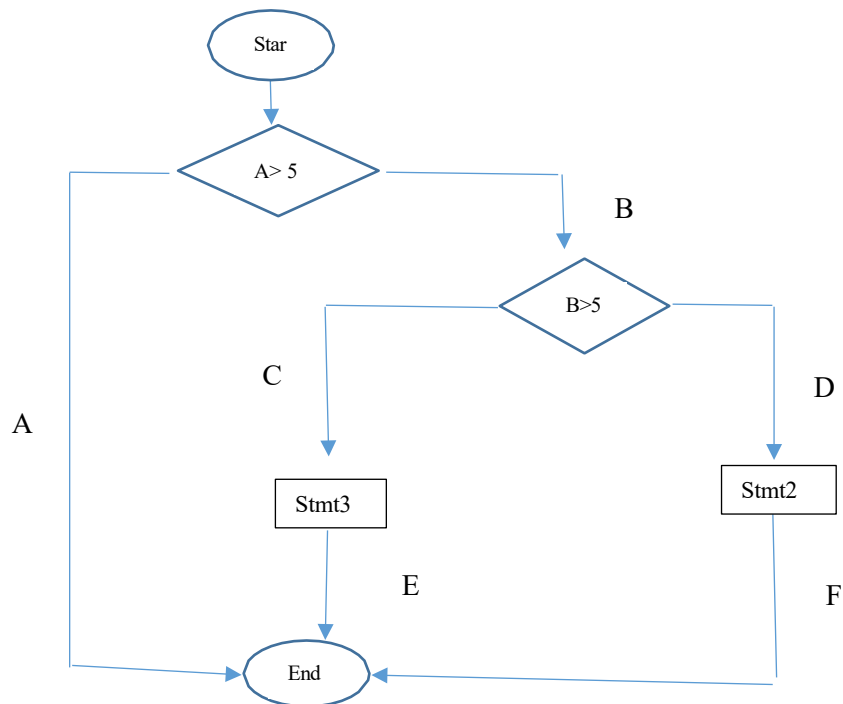Clear box test.

1. Statement coverage: every possible statement in the code to be tested at least once.
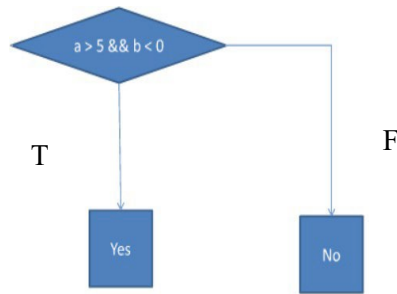
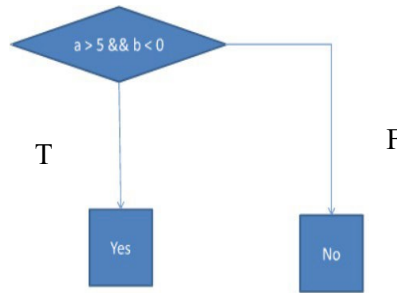2. Decision coverage: the true or false outcomes of each decision point to be tested at least once.

```
                A > 5

        T                    F

      Yes                   No
```

3. Path coverage: All paths to be tested at least once.

```
                    Star

                    A> 5
                                        B

                            B>5
            A       C                      D

                  Stmt3              Stmt2

                        E                F
                    End
```

4. Condition coverage: the true or false outcomes of each Boolean expression to be tested at least once.

```mermaid
flowchart TD
    A{a > 5 && b < 0} -->|T| B[Yes]
    A -->|F| C[No]
```

T — Yes

F — No

5. Branch coverage: Decision coverage + Condition coverage.

T — Yes

F — No

6. Branch condition combination coverage: All possibilities of condition combination to be tested at least once.

T — Yes

F — No