

```
keyword      initialization      Conditional      update
Statement   expression        statement

for (int i=0; i<5; i++) {
    cout << i << endl;
}
```

1. Initialize
2. Check condition
3. If condition is true
 - a. Run body
 - b. Run update
 - c. Go back to step 2

$i++$

$i = i + 1$

Stack Diagram

