Write the output of the following programs (if any). If there is an error in the program, mention the error and move on.

Tip: Use python tutor (*https://pythontutor.com/cpp.html#mode=edit*) for line-by-line execution of programs for a better understanding, first try to solve by yourself.

	Output
```cpp int main() { int num = 0; if(num +=0) cout << "Hello" << endl; else cout << "World" << endl; if(num += 2) cout << "Hello" << endl; else cout << "World" << endl; return 0; } ```	
```cpp int main() { int i = 10; if(i = 20) cout << "I Love FAST" << endl; else cout << "Coding is my Passion" << endl; return 0; } ```	
```cpp int main() { for(int i = 0; i < 3; ++i) for(int j = 0; j < 3; ++i) cout << "Inner Loop"; return 0; } ```	

```cpp
int main() {

  int n = 15;
  for (; ;)
    cout << n;

  return 0;
}
```

```cpp
int main() {

  int n;
  for(n = 5; n > 0; n--)
  {
    cout << n;
    if (n == 3)
      break;
  }

  return 0;
}
```

```cpp
int main() {

  int i;
  for (i = 0; i < 10; i++);
  {
    cout << i;
  }

  return 0;
}
```

```cpp
int main() {

  int a = 0;
  cout << ++a + a++ + ++a + a++;
  cout << a;

  return 0;
}
```

```cpp
int main() {

  int p;
  bool a = true;
  bool b = false;
  int x = 10;
  int y = 5;
  p = ((x | y) + (a + b));
  cout << p;
```

```cpp
  return 0;
}
```

```cpp
int main() {

  int data1=10, data2=11, data3=12;
  switch(int a=(data1 + data2 + data3) / 2)
  {
    case 17:
      cout << "17" << endl;
      break;
    case 16:
      cout << "16" << endl;
      break;
    default:
      cout << "default" << endl;
  }

  switch((data1 + data2 + data3) / 2)
  {
    default:
      cout << "default" << endl;
      break;
    case 17:
      cout << "17" << endl;
      break;
    case 16:
      cout << "16" << endl;
      break;
  }

  return 0;
}
```