```
The code below, once the compiler error has been resolved, will result in a semantic error. That is, the average function (avg) returns a rounded average and not the actual average of the 2 integers (2) For example, avg(3, 10) returns 9 and not 8.5. Identify the statement that needs to be corrected to make sure the semantic error does not occur.

Selected Answer: ② 247, 420

Correct Answer: ② 201, 420

correct Answer:
```

The code below will result in a compler error. Identify the compiler error by clicking on the code that will cause the error. Selected Answer: (3 35, 414 Correct Answer: Top Left Coordinates (340, 216) Bottom Right Coordinates (498, 253) Instructor selection and student response #include <iostream> using namespace std; int main() { int a = 10;int b = 9; double average = avg(a,b); cout << "The average of a & b is: "</pre> << average << endl; } dowble avg(int a, int b) { return (a + b) / 2; }

Question 3 What is the default access for members of the struct abstract data type? Selected Answer: protected Answers: public private protected

What is the output of the following program?

```
#include <iostream>
 using namespace std;
 void secret(int v) {
        cout << "Upper bound (v) may not be negative!" << end1;
     else {
        int current = 1;
        int previous = 0;
        cout << previous;
  int temp = current + previous;
         while(temp <= v) {
           previous = current;
            current = temp;
cout << "," << current;</pre>
            temp = current + previous;
         cout << endl:
 int main() {
     secret(50);
     return 0:
Selected Answer: 🤡 0,1,1,2,3,5,8,13,21,34
Correct Answer:
Evaluation Method
                                                                                                                       Correct Answer
Exact Match
                                                                                                                       0,1,1,2,3,5,8,13,21,34
```

What is the output of the following code?

```
int counter = 0;
while(counter < 20) {
  if (counter = 10)
    cout << "Looping..." << endl;
  if(counter > 15) break;
  ++counter;
}
```

Selected Answer: 🤡 It will print Looping an infinite number of times.

Answers:

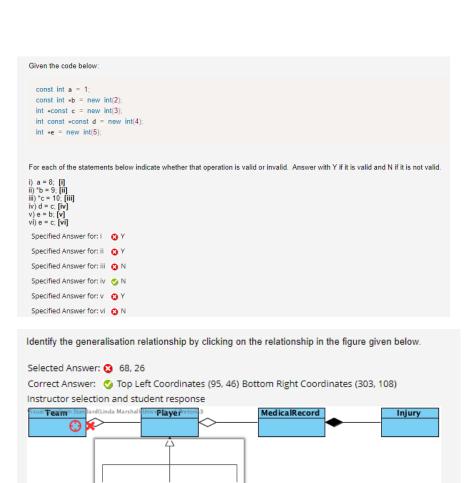
It will print Looping at least 10 times.

It will print looping 15 times before breaking out of the loop.

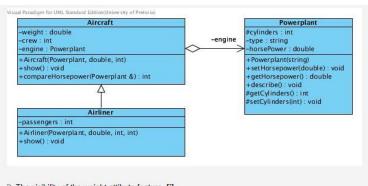
It will print Looping an infinite number of times.

It will print Looping once.

It will print Looping 10 times.



GoalKeeper



- i) The visibility of the weight attibute feature. [i]
- ii) A class member function that is protected. [ii]
- iii) The visibility of the majority of the class members is [iii]
- iv) The relationship between Aircraft and Airliner. [iv]
- v) The relationship between Aircraft and Powerplant. [v]
- vi) Will the default constructor suffice for class Aircraft (Yes/No)? [vi]



