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Chapter 3 Exercise Questions

2. A. ii, because the brackets are missing for multiple lines of output for the IF statement

B. i

C. ii

D. i

E. iii

4. if (gender == ‘M’)

cout << “Male” << endl;

else if (gender == ‘F’)

cout << “Female” << endl;

else

cout << “Invalid Gender” << endl;

6. A. Valid

B. invalid, because there are multiple instances of case 1

C. valid

D. valid

8. 7

10. #include <iostream>

using namespace std;

int main()

{

int a, b;

bool found;

cout << “Enter two integers: “;

cin >> a >> b;

if (a > a \* b && 10 < b)

found = 2 \* a > b;

else

{

found = 2 \* a < b;

if (found)

{

a = 3;

c = 15;

}

else if (b)

{

b = 0;

a = 1;

}

}

return 0;

}