Teammates: Kevin Hom and Daniel Cheng

1. True

2. False

3. True

4. False

5. True

6. False

7. True

8. True

int main(int argc, const char \* argv[]) {

using namespace std;

string a, b;

cout << "Enter genotype for the father:" << endl;

cin >> a;

cout << "Enter genotype for the mother:" << endl;

cin >> b;

if((a == "GG" && b=="Gg")||(a == "Gg" && b =="GG"))

{

cout << "50% GG, 50% Gg" << endl;

}

else if((a == "GG" && b=="gg")||((a == "gg")&& b == "GG"))

{

cout << "100% Gg" << endl;

}

else if((a == "GG" && b=="GG"))

{

cout << "100% GG" << endl;

}

else if(a == "gg" && b == "gg")

{

cout << "100% gg" << endl;

}

else if((a == "Gg" && b == "Gg")||(a == "gG" && b == "gG"))

{

cout << "25% GG, 25% gg, 50% Gg" << endl;

}

else if((a == "gg" && b == "Gg") || (a == "Gg" && a == "gg"))

{

cout << "50% Gg, 50% gg" << endl;

}

return 0;

}