Chapter 7  
  
2a) enum birdType{PEACOCK, SPARROW, CANARY, PARROT, PENGUIN, OSTRICH, EAGLE, CARDINAL, HUMMINGBIRD};

2b) birdType bird;

2c) bird = CANARY;

2d) bird = static\_cast<birdType>(bird + 1);

2e) bird = static\_cast<birdType>(bird – 1);

2f and 6) switch(bird){

Case PEACOCK:

Cout << “Peacock” << endl;

Break;

Case SPARROW:

Cout << “Sparrow” << endl;

Break;

Case CANARY:

Cout << “Canary” << endl;

Break;

Case PARROT:

Cout << “Parrot” << endl;

Break;

Case PENGUIN:

Cout << “Penguin” << endl;

Break;

Case OSTRICH:

Cout << “Ostrich” << endl;

Break;

Case EAGLE:

Cout << “Eagle” << endl;

Break;

Case CARDINAL:

Cout << “Cardinal” << endl;

Break;

Case HUMMINGBIRD:

Cout << “Hummingbird” << endl;

Break;

}

2g and 5) String name;

Cin >> name;

If (name == “peacock”)

Bird = PEACOCK;

Elseif (name == “sparrow”)

Bird = SPARROW;

Elseif (name == “canary”)

Bird = CANARY;

Elseif (name == “parrot”)

Bird = PARROT;

Elseif (name == “penguin”)

Bird = PENGUIN;

Elseif (name == “ostrich”)

Bird = OSTRICH;

Elseif (name == “eagle”)

Bird = EAGLE;

Elseif (name == “cardinal”)

Bird = CARDINAL;

Elseif (name == “hummingbird”)

Bird = HUMMINGBIRD;

Else

Cout << “Invalid input”<< endl;

7) they cannot be passed as parameters to functions

8) triangleType {EQUILATERAL, RIGHT, ISOSCELES, SCALENE}

triangleType triangle;

9) should be “using namespace std;”

10) should be “#include <iostream>”

14) Should be “using namespace std;” and “std::” is not necessary

18a) 30

18b) t

18c) s

18d)

18e) Now is the time to study for the exam?