Chapter 11: Struct

Checkpoint

1. struct Account

{

string acctNum;

double acctBal;

double intRate;

double avgBal;

};

1. Account savings = {"ACZ42137-B12-7", 4512.59, 0.04, 4217.07 };
2. #include <iostream>

include <string>

using namespace std;

struct Movie {

string name;

string director;

string producer;

string year; };

int main() {

Movie print;

cout << "Enter the following information about your\n";

cout << "favorite movie.\n";

cout << "Name: ";

getline(cin, print.name);

cout << "Director: ";

getline(cin, print.director);

cout << "Producer: ";

getline(cin, print.producer);

cout << "Year of release: ";

getline(cin, print.year);

cout << "Here is information on your favorite movie:\n";

cout << "Name: " << print.name << endl;

cout << "Director: " << print.director << endl;

cout << "Producer: " << print.producer << endl;

cout << "Year of release: " << print.year << endl;

return 0; }

1. Product items[100];
2. for (int x = 0; x < 100; x++){

items[x].description = "";

items[x].partNum = 0;

items[x].cost = 0; }

1. items[0].description = "Claw Hammer";

items[0].partNum = 547;

items[0].cost = 8.29;

1. for (int x = 0; x < 100; x++) {

cout << items[x].description << endl;

cout << items[x].partNum << endl;

cout << items[x].cost << endl; }

1. struct Measurement {

int miles;

long meters; };

1. struct Destination {

string city;

Measurement distance; };

Destination destination;

1. destination.city = "Tupelo";

destination.distance.miles = 375;

destination.distance.meters = 603375;

1. void print(Rectangle r){

cout << r.length << endl;

cout << r.width << endl; }

1. void getRectangle(Rectangle &r) {

cout << "Width: ";

cin >> r.width;

cout << "length: ";

cin >> r.length; }

1. Rectangle getRectangle() {

Rectangle r;

cout << "Width: ";

cin >> r.width;

cout << "length: ";

cin >> r.length;

return r; }

1. Rectangle \*ptr;
2. B