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CSC 133-GW

Lecture 11 Hw

P 599 #34, 36, 38, 40, 42, 44

1. 1. valid
   2. invalid- no action is performed done with the expression
   3. valid
   4. valid
   5. valid
   6. invalid- cannot use relational operators with c-strings
   7. valid
2. 1. yes
   2. yes
   3. yes
   4. yes
3. 1. valid
   2. valid
   3. valid
   4. invalid- the assignment operator is not available for c-strings
   5. invalid- relational operators are not available for c-strings
   6. valid
   7. valid
   8. valid
4. 1. cout <<temp[0][0];
   2. cout <<temp[0][3];
   3. cout <<temp[3][0];
   4. cout <<temp[3][3];
5. 1. int alpha[10][20];
   2. for (int i = 0; i < 10; i++)  
       for (int j = 0; j < 20; j++)  
       alpha[i][j] = 0;
   3. for (int i = 0; i < 10; i++)  
      {   
       if (i == 0)  
       for (int j = 0; j < 20; j++)  
       alpha[i][j] = 1;  
       else  
       for (int j = 0; j < 20; j++)  
       alpha[i][j] = 2;  
      }
   4. for (int i = 0; i < 10; i++)  
       alpha[i][0] = 5;  
      for (int i = 0; i < 10; i++)  
       for (int j = 1; j < 20; j++)  
       alpha[i][j] = 2 \* alpha[i][j – 1];
   5. for (int i = 0; i < 10; i++)  
       for (int j = 0; j < 20; j++)  
       cout <<alpha[i][j];
   6. for (int j = 0; j < 10; j++)  
       for (int i = 0; i < 20; i++)  
       cout <<alpha[i][j];
6. 1. void print (int times[][7], int speed[][7], int trees[][7], students[][7])  
      {  
      for (int i = 0; i < 30; i++)  
       for (int j = 0; j < 7; j++)  
       cout <<times[i][j] << “ ”;  
      cout <<endl;  
      for (int i = 0; i < 15; i++)  
       for (int j = 0; j < 7; j++)  
       cout <<speed[i][j] << “ ”;   
      cout <<endl;  
      for (int i = 0; i < 100; i++)  
       for (int j = 0; j < 7; j++)  
       cout <<trees[i][j] << “ ”;   
      cout <<endl;  
      for (int i = 0; i < 50; i++)  
       for (int j = 0; j < 7; j++)  
       cout <<students[i][j] << “ ”;   
      cout <<endl;

}

* 1. print(times, speed, trees, students);