William Li

CSC 133-GW

Lecture 6 Hw

Worksheet 2

1. againagainagainagainagainagainagainagainagain (9 again’s)
2. i = -7 and j = 7
3. (no output)
4. yesyesyesyesyes (5 yes’s)
5. for (total = 4, i = 2; i < 5; total \*= i, i =+ 1, cout <<“The total is ” <<total <<endl);
6. int limit;  
   cout <<“Find the sum of all the odd numbers from 1 and: ”;  
   cin >>limit;  
   for (int i = 1, sum = 0; i < limit; sum += i, i += 2, cout <<sum <<endl);
7. total i k j **output**  
    15 0 1
8. for (i = 1; i <= 1000; i++)  
    ……
9. j = 0;

while (j <= 1000)

{

…….

j++;

}

15 0 2 6 **15062**

15 0 3 7 **15073**

15 0 4 8 **15084**

15 0 4 9 **15094**

15 1 5 6 **15165**

15 1 6 7 **15176**

15 1 7 8 **15187**

15 1 7 9 **15197**

1. i **output**  
    1 **help**

2 **hello**

**help**

3 **goodbye**

**help**

4 **why**

**help**

5

6

7 **blue**

8 **blue**

9 **blue**

10 **blue**

15 2 8 6 **15268**

15 2 9 7 **15279**

15 2 10 8 **152810**

15 2 10 9 **152910**

15 3 10 0 **153010**

1. ifstream fin;  
   fin.open (“inData.txt”);  
     
   int num, count = 0;  
   fin >>num;  
     
   for (int i = 1; i <= 100; i++)   
   {

if (num == 28)

count = count + 1;

fin >>num;

}

cout <<“There are ” <<count <<“ 28’s here.”;

1. i j **output**
2. j k sum output

1 1 0

1 1 2 **11**

1 2 5 **12**

1 3 9 **13**

1 4 14 **14**

**14**

2 1 0

2 1 3 **21**

2 2 7 **22**

2 3 12 **23**

2 4 18 **24**

**18**

3 1 0

3 1 4 **31**

3 2 9 **32**

3 3 15 **33**

3 4 22 **34**

**22**

2 15 **215**

2 16 **216**

3 15 **315**

3 16 **316**

4 15 **415**

4 16 **416**

5 15 **515**

5 16 **516**

1. i j output

2 15 **215**

2 16 **216**

**outer**

3 15 **315**

3 16 **316**

**outer**

4 15 **415**

4 16 **416**

**outer**

5 15 **515**

5 16 **516**

1. for (int i = 1; i <= 5; i = i + 1)

for (int j = 1; j <= 2; j++)

cout <<i <<" " << j <<endl;

1. for (int i = 1; i <= 7; i++)

{

for (int j = 1; j <= 9; j++)

cout <<j <<“ ”;

cout <<endl;

}

1. for (int i = 1; i <= 9; i++)

{

for (int j = 1; j <= i; j++)

cout <<‘\*’;

cout <<endl;

}