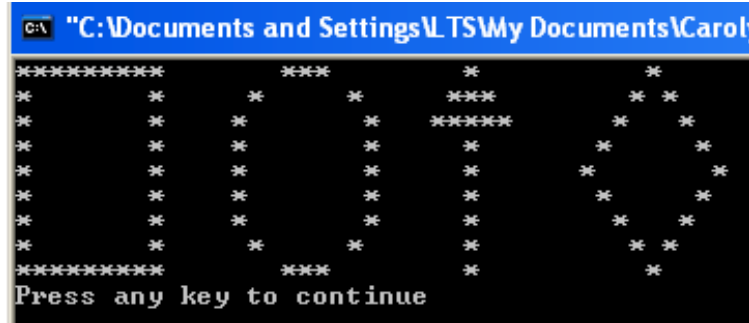


DAT8921 Lab 2

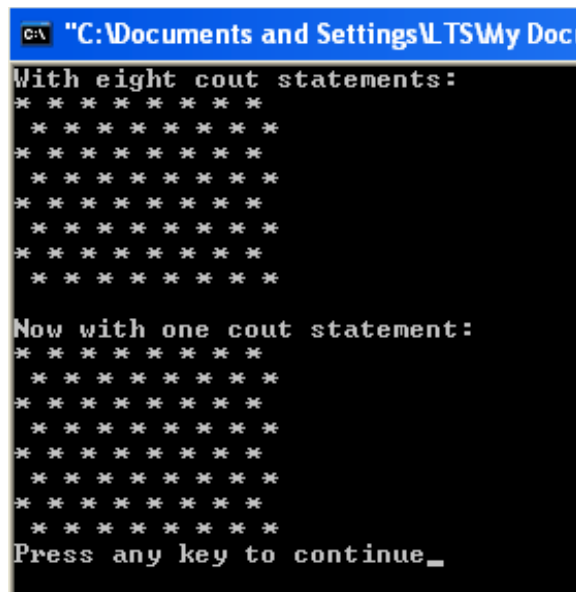
1. Write a C++ program to obtain the following output:



```

C:\ "C:\Documents and Settings\LTSMY Documents\Carolyn
*****      ***      *      *
*      *      *      *      *****      *      *
*      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *
*****      ***      *      *
Press any key to continue
  
```

2. Write a C++ program to obtain the following output. First use eight cout statements
Then try it with only one cout.



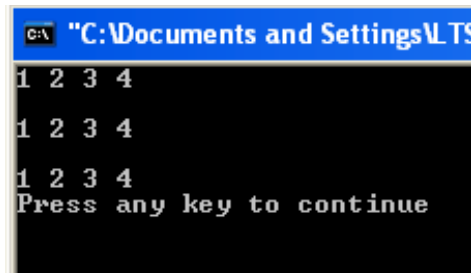
```

C:\ "C:\Documents and Settings\LTSMY Documents\Carolyn
With eight cout statements:
* * * * *
* * * * *
* * * * *
* * * * *
* * * * *
* * * * *
* * * * *
* * * * *

Now with one cout statement:
* * * * *
* * * * *
* * * * *
* * * * *
* * * * *
* * * * *
* * * * *
* * * * *

Press any key to continue_
  
```

3. Write a program that prints the numbers 1 to 4 on the same line. Write the program using the following methods:
- i) Using one cout statement and the appropriate escape sequences.
 - ii) Using one cout statement but instead of the numbers 1-4, assign variable names to each of the numbers and then use the variable names in the cout.
 - iii) Using four cout statements.

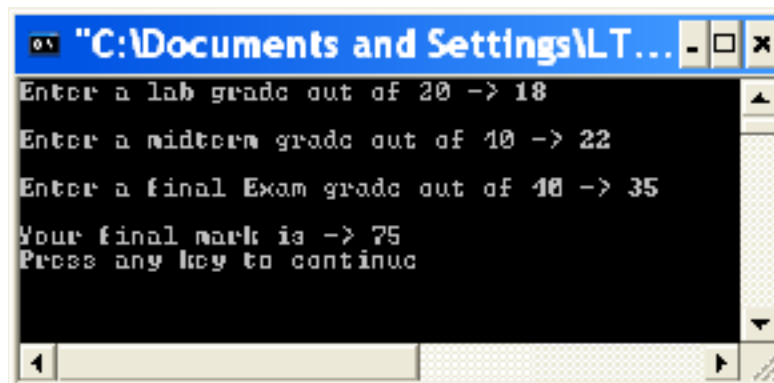


```
C:\ "C:\Documents and Settings\LT...  
1 2 3 4  
1 2 3 4  
1 2 3 4  
Press any key to continue
```

4. Write a C++ program that calculates your final mark based on the course outline:
(10 marks)

Final Exam	40%
Midterm	40%
Labs	20%

Your output should resemble the following:



```
C:\ "C:\Documents and Settings\LT...  
Enter a lab grade out of 20 -> 18  
Enter a midterm grade out of 10 -> 22  
Enter a final Exam grade out of 10 -> 35  
Your final mark is -> 75  
Press any key to continue
```