Computer
ECE 001

Benha University

Computer Systems Engineering
Electrical Engineering Department

Faculty of Engineering
(at Shoubra)

Sheet 4

(1) Write a C++ program that outputs the following text on screen:

Oh what

a happy day!

Oh yes,

what a happy day!

[Hint: Use the manipulator endl where appropriate]

(2) The following program contains several errors:

```
*/ Now you should not forget your glasses //
#include <stream>
int main
{
        cout << "If this text",
        cout >> " appears on your display, ";
        cout << " endl;"
        cout << 'you can pat yourself on '
        << " the back!" << endl.
        return 0;
)
```

Resolve the errors and run the program to test your changes.

(3) Write a program that asks the user to enter two integers.

The program should:

(1) Add the two integers.

(2) Multiply the two integers.

(3) Divide the first integer by the second.

And then display each result.

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(4) Write C++ programs that calculate the area of:

(a) A circle　　　　(Area = PI * R^2)

(b) A square　　　　(Area = L^2)

(c) A rectangle　　　(Area = L * W)

(5) Write a program that asks the user to enter the duration of a baseball game by first asking for the number of hours and then asking for the number of minutes. The program should display the total number of minutes that the game lasted.