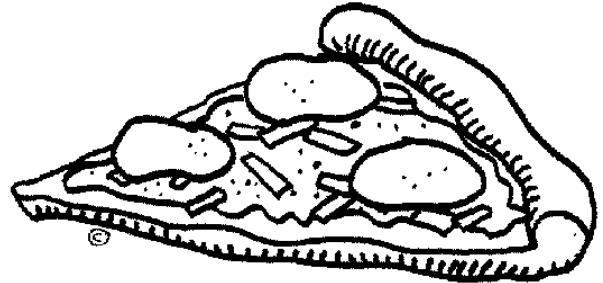


Pizza

Make a program that asks for the number of toppings, the diameter in inches.

- The cost of labour is \$3.00, regardless of size.
- The cost of materials varies by the size of the pizza according to the formula $\$0.08 * \text{diameter} * \text{diameter}$.
- Then, \$0.50 is added per topping.

When complete, your code will print something like:



```
Welcome to the pizza shop!
*****
```

```
Enter the number of toppings: 3
Enter the pizza diameter in inches: 10

*****
The cost of the pizza is $12.5.
```

Remember to save a copy of your code in a Word document or google doc.

An online C++ compiler is found here: https://www.onlinegdb.com/online_c++_compiler

This is an example of a C++ program:

```
#include <iostream>
using namespace std;

int main ()
{
    double radius;
    cout << "Enter a radius: ";
    cin >> radius;
    double area = radius * radius * 3.14159;
    cout << "The area of the circle is " << area << " units.";
```