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CSE 1311 - C++ Programming for Engineers  
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Lab 4b: AvgFunc
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Goal(s): Build an avg() function

Build an avg() function that takes 4 arguments and returns the average of these 4 numbers. Call your function from the main(). In main(), declare and set 4 variables, pass these variables to the avg() function and then print the result. Do all this in main(). The function only figures the average.

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#include <iostream>  
using namespace std;
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```
double avg(int w, int x, int y, int z) {  
    return (w + x + y + z)/4.0;  
};
```

```
int main() {
```

```
    int w, x, y, z;
```

```
    cout << "This application calculates the average of 4 numbers." <<  
endl;
```

```
    cout << "Please enter the first number." << endl;  
    cin >> w;
```

```
    cout << "Please enter the second number." << endl;  
    cin >> x;
```

```
    cout << "Please enter the third number." << endl;  
    cin >> y;
```

```
    cout << "Please enter the fourth number." << endl;  
    cin >> z;
```

```
    cout << "The average of 4 numbers is " << avg(w, x, y, z) << endl;  
    return 0;
```

```
} // End of main
```