

```
for (int i = 1; i <= 4; ++i)
{
    // body
}
```

~~++i~~
i = i + 1
i++
↑
++i

- i IS GONE -

int size = 10; global variable

int main() □

Local variable

```
{  
  int count = 0;  
  // call  
  welcome();  
}
```

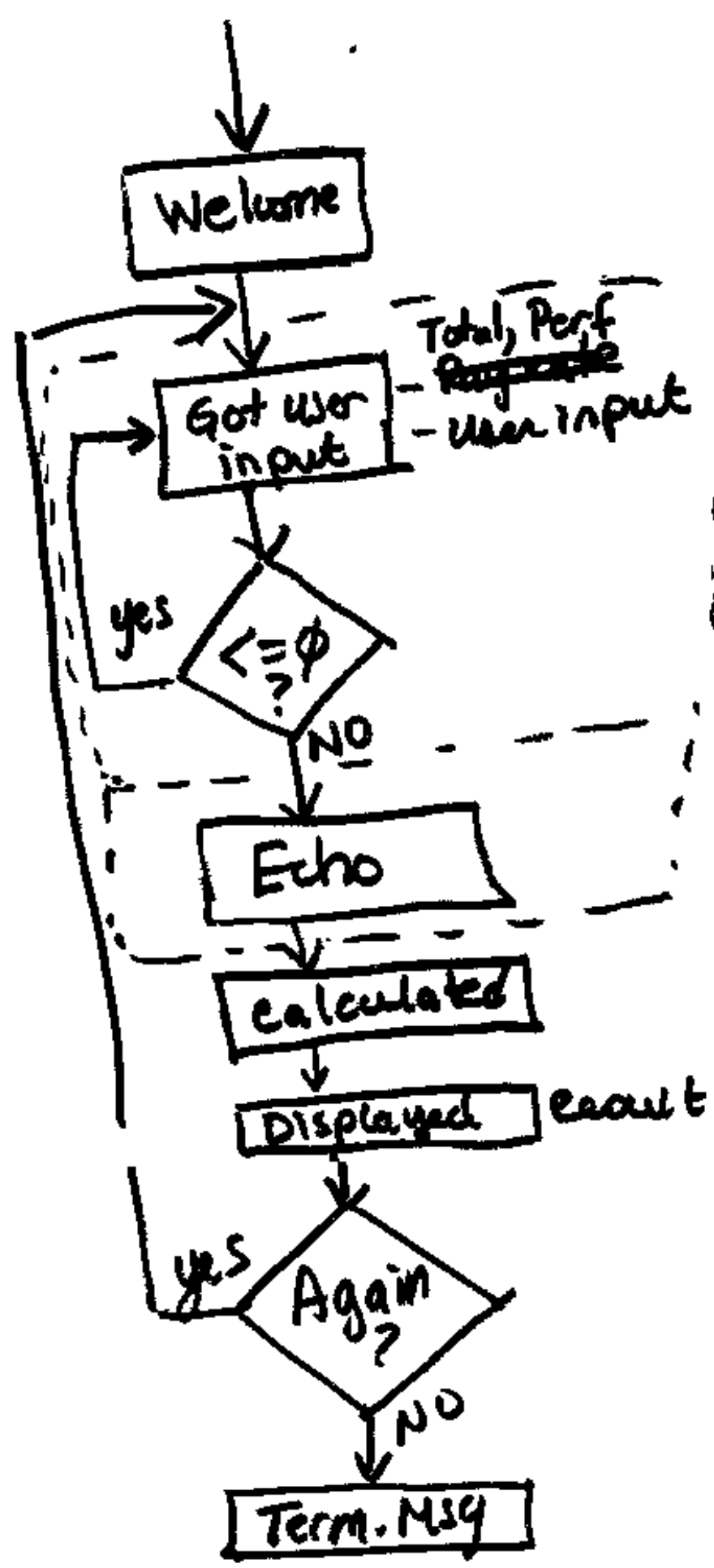
```
welcome()  
{  
  int variable;  
  return;  
}
```

function() □

```
{  
  int count = 100;  
}
```

Function

```
main  
welcome (- - -);  
  
do  
input (...);  
echo (...);  
Calculate (...);  
Display (...);  
} while (Again (...));  
Ending (- -)
```



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

Prototypes

```
void welcome( );
```

↑
return type

↑
name

↑
argument list

```
bool Again( );
```

```
int main( ) int global;
```

```
{
    welcome( ); // call the welcome function
    do
```

↓
Program

```
} while ( Again( ) );
```

```
}
```

← PUT MY FUNCTIONS HERE

```
void welcome ( ) // Implementing the function
// function definition
{
    // Variables      int stuff;

    // Statements

    cout << "Welcome....." << endl;
    cout << "....." << endl;
    cout << "....." << endl;
    cout << endl;
} ←
```

```
bool Again()
```

```
{  
    char response;
```

```
    do  
    {  
        cout << "Do you... want (y/n) again? ";  
        cin >> response;  
        cin.get();  
        response = toupper(response);
```

```
    } while (response != 'Y' &&  
            response != 'N');
```

```
    if (response == 'Y')  
        return true;
```

```
    return false;
```

```
}
```