

1. "A Simple Program"

```
//our first little program
#include <iostream.h>

int main()
{
    cout << "Hello, world!" << endl;

    return 0;
}
```

2.

```
//input/output
#include<iostream.h>

int main()
{
    double x, y, z;
    cout << "Enter 3 numbers to be added:\n";
//Asks for user input
    cin >> x >> y >> z;
    cout << "Sum is: " << x+y+z << endl;

    return 0;
}
```

3.

```
//loops
#include <iostream.h>

int main()
{
    for(int j = 0; j< 5; ++j) //for loop
    {
        cout << j;
    }
    cout << endl;

    int n=4;

    while( --n) //while loop
    {
        cout << n;
    }

    cout << endl;
    n=4;

    do /do while loop
    {
        cout << n;
    }while(--n);
    cout << endl;

    return 0;
}
```

4.

```
//conditionals/tests  
#include<iostream.h>
```

```
int main()  
{  
    for(int j=0;j<5;++j)  
    {  
        if (j == 3)  
            break;  
        else if( j ==1)  
            cout << j+1 << endl;  
        else  
            cout << j << endl;  
    }  
    return 0;  
}
```