BAKI ALİ NEFT MƏKTƏBİ
BAKU HIGHER OIL SCHOOL

# Programming and Computer Applications-2

# Introduction to C++ Programming

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# C++ program template

```
/*
 * Comment to state the purpose of this program
(filename.cpp)
 */
#include <iostream>
using namespace std;

int main() {
   // Your Programming statements HERE!

   return 0;
}
```

# First C++ program

```
// Simple C++ program

// Header file for input output functions
#include<iostream>
using namespace std;

int main()
{
cout<<"Welcome to C++ Programming";
cout<<endl;

    return 0;
}
```

# C++ program

```
#include <iostream>
#include <iomanip>
using namespace std;
int main () {
    cout << setw(10);
    cout << 77 << endl;
    return 0;
}
```

# C++ program

```
#include <iostream>
#include <iomanip>
using namespace std;
int main () {
   cout << setfill ('x') << setw (10);
   cout << 77 << endl;
   return 0;
}
```

# C++ program

```
#include<iostream>
#include<iomanip>
using namespace std;
int main()
{
        double a=5.15, b=4.57;
cout<<"Welcome to C++ Programming";
cout<<endl;
cout<<fixed;
cout<<setprecision(9)<<'\n';
cout<<a*b;
cout<<endl;
return 0;
}
```

# C++ program

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

int main()
{
double f=3.14159;
cout<<setprecision(5)<<f<<'\n';
cout<<setprecision(9)<<f<<'\n';
cout<<fixed;
cout<<setprecision(5)<<f<<'\n';
cout<<setprecision(9)<<f<<'\n';

return 0;
}
```

# C++ program

```
#include<iostream>
#include<iomanip>
#include<math.h>
using namespace std;

int main()
{
float x;
int i;
for(i=0; i<=16;i++)
{
x=0.1*i;
cout<<fixed;
cout<<setprecision(1)<<setw(4)<<x;
cout<<setprecision(6)<<setw(10)<<sin(x)<<endl;
}

return 0;
}
```