AHMAD RAFIANSYAH

103012400153

1.

```cpp
#include <iostream>

using namespace std;

int main(){
    string nama, nim;
    cout << "Siapa nama anda? ";
    cin >> nama;
    cout << "Berapa nim anda? ";
    cin >> nim;
    cout << "Nama saya: " << nama << endl;
    cout << "NIM saya: " << nim << endl;
    return 0;
}
```

```
Siapa nama anda? Ahmad_Rafiansyah
Berapa nim anda? 103012400153
Nama saya: Ahmad_Rafiansyah
NIM saya: 103012400153
```

```
Siapa nama anda? Ahmad
Berapa nim anda? 103012400153
Nama saya: Ahmad
NIM saya: 103012400153
```

2.

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

int main(){
    int bil1 = 3, bil2 = 4, hasil1;
#include <iostream>
using namespace std;

int main(){
    int bil1 = 2, bil2 = 3, hasil;

    hasil = bil1 > bil2;
    cout << hasil << endl;
    hasil = bil1 >= bil2;
    cout << hasil << endl;
    hasil = bil1 < bil2;
    cout << hasil << endl;
    hasil = bil1 <= bil2;
    cout << hasil << endl;
    hasil = bil1 == bil2;
    cout << hasil << endl;
    hasil = bil1 != bil2;
    cout << hasil << endl;

    return 0;
}
```

```
7
-1
12
0
1
3
1
0.75
```

3.

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

int main(){
    int bil1 = 2, bil2 = 3, hasil;

    hasil = bil1 > bil2;
    cout << hasil << endl;
    hasil = bil1 >= bil2;
    cout << hasil << endl;
    hasil = bil1 < bil2;
    cout << hasil << endl;
    hasil = bil1 <= bil2;
    cout << hasil << endl;
    hasil = bil1 == bil2;
    cout << hasil << endl;
    hasil = bil1 != bil2;
    cout << hasil << endl;

    return 0;
}
```

```
0
0
1
1
0
1
```

4.

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

int main(){
    int bil1 = 2, bil2 = 3, hasil;

    hasil = bil1 <= bil2 and bil1 < bil2;
    cout << hasil << endl;
    hasil = bil1 >= bil2 or bil1 < bil2;
    cout << hasil << endl;
    hasil = not(bil1 >= bil2) or bil1 < bil2;
    cout << hasil << endl;

    return 0;
}
```

```
1
1
1
```

5. .

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

int main(){
    int nilai;
    cin >> nilai;

    if (nilai > 80) {
        cout << "A" << endl;
    } else {
        cout << "Bukan A" << endl;
    }

    return 0;
}
```

```
80
Bukan A
```

```
81
A
```

```
79
Bukan A
```

6.

```cpp
#include <iostream>

using namespace std;

int main(){
    int a, b, bilangan;
    cout << "Masukan batas bawah: ";
    cin >> a;
    cout << "Masukan batas atas: ";
    cin >> b;
    for (bilangan = a; bilangan <= b; bilangan++) {
        cout << "Bilangan " << bilangan << endl;
    }
    return 0;
}
```

```
Masukan batas bawah: 1
Masukan batas atas: 10
Bilangan 1
Bilangan 2
Bilangan 3
Bilangan 4
Bilangan 5
Bilangan 6
Bilangan 7
Bilangan 8
Bilangan 9
Bilangan 10
```

7.

```cpp
#include <iostream>

using namespace std;

int main(){
    int bilangan, asli, jumlah;

    cout << "Masukkan bilangan asli: ";
    cin >> asli;

    bilangan = 1;
    jumlah = 0;
    while (bilangan <= asli) {
        if (bilangan % 2 == 0) {
            jumlah += bilangan;
        }
        bilangan++;
    }

    cout << "Jumlah bilangan genap: " << jumlah << endl;
    return 0;
}
```

```
Masukkan bilangan asli: 10
Jumlah bilangan genap: 30
```