

# Print 8 Time

```
cout << "Hello World!\n";
```

```
int a = 100;
if( a < 20 ) {
    cout <<"a is less than 20\n";
}
else {
    cout <<"a is not less than 20\n";
}
cout <<"value of a is : " << a;
```

```
int num, sum;
sum = 0;

cout << "Enter a positive integer: ";
cin >> num;

for(int count = 1; count <= num; ++count)
{
    sum += count;
}

cout << "Sum = " << sum << endl;
```

```
int numbers[5] = {7, 5, 6, 12, 35};

cout << "The numbers are: ";

for (int i = 0; i < 5; ++i)
{
    cout << numbers[i] << " ";
}
```

```
char data[100];

ofstream outfile;
outfile.open("afile.dat");

cout << "Writing to the file" << endl;
cout << "Enter your name: ";
cin.getline(data, 100);

outfile << data << endl;

cout << "Enter your age: ";
cin >> data;
cin.ignore();

outfile << data << endl;

outfile.close();

ifstream infile;
infile.open("afile.dat");

cout << "Reading from the file" << endl;
infile >> data;

cout << data << endl;

infile >> data;
cout << data << endl;

infile.close();
```

```
int firstvalue, secondvalue;
int * mypointer;

mypointer = &firstvalue;
*mypointer = 10;

mypointer = &secondvalue;
*mypointer = 20;

cout << "firstvalue is " << firstvalue << '\n';
cout << "secondvalue is " << secondvalue << '\n';
```