Nomor 1

```cpp
/* -------------------------- */
/* Program Array Satu Dimensi */
/* -------------------------- */
#include <iomanip>
#include <iostream>
using namespace std;
int main() {
 int i;
 char nama[5][20];
 float nilai1[5];
 float nilai2[5];
 float hasil[5];
 for (i = 1; i <= 2; i++) {
   cout << "Data Ke - " << i << endl;
   cout << "Nama Siswa : ";
   cin >> nama[i];
   // Bab 7 : Array
   cout << "Nilai MidTest : ";
   cin >> nilai1[i];
   cout << "Nilai Final : ";
   cin >> nilai2[i];
   hasil[i] = (nilai1[i] * 0.40) + (nilai2[i] * 0.60);
   cout << endl;
 }
 cout << "-------------------------------------";
 cout << "-------" << endl;
 cout << "No. Nama Siswa \t\tNilai    ";
 cout << "Nilai Hasil" << endl;
```

```cpp
cout << " \t\t\tMidTest   ";
cout << "Final Ujian" << endl;
cout << "----------------------------------------";
cout << "-------" << endl;
for (i = 1; i <= 2; i++) {
  cout << setiosflags(ios::left) << setw(4) << i;
  cout << setiosflags(ios::left) << setw(20) << nama[i];
  cout << setprecision(2) << "" << nilai1[i];
  cout << setiosflags(ios::left) << setw(9)<< setprecision(2) << " " << nilai2[i];
  cout << setiosflags(ios::left) << setw(3)<< setprecision(2) << " " << hasil[i] << endl;
 }
 cout << "--------------------------------------";
 cout << "-------" << endl;
 getchar();
}
```

Nomor 2

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

int main() {
  int a, b, c, nilai, d = 0, cari = 0;
  int isi[25];
  cout << "Masukan Banyak Bilangan = ";
  cin >> c;
  cout << "\n" << endl;
  for (a = 0; a < c; a++) {
    cout << "Masukan Indeks ke-" << a << " = ";
    cin >> isi[a];
  }
  cout << "\n\nDeretan Bilangan = ";
  for (b = 0; b < a; b++) {
    cout << isi[b] << " ";
  }
  cout << "\n\nMasukan Bilangan yang akan dicari = ";
  cin >> nilai;
  for (a = 0; a < c; a++) {
    if (nilai == isi[a]) {
      cari = nilai;
      d = a;
    }
  }
  if (nilai == cari) {
    cout << "Bilangan " << nilai << " ditemukan sebanyak " << d
        << "\npada posisi ke = " << d << "\n";
```

```cpp
  } else {
    cout << "\n Nilai Yang dicari " << nilai << " "
        << "Tidak ditemukan \n";
  }
}
```

Nomor 3

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

int main() {
 int nilai[10] = {23, 6, 89, 12, 45, 67, 9, 90, 54, 30};
 int max, min;

 for (int a = 0; a < 10; a++) {
   cout << "data dari baris ke-" << a << " = " << nilai[a];
   cout << endl;
 }
 max = nilai[0];
 min = nilai[0];
 for (int b = 0; b < 10; b++) {
  if (nilai[b] > max) {
    max = nilai[b];
  }
  if (nilai[b] < min) {
    min = nilai[b];
  }
 }
 cout << "\nNilai tertinggi adalah : " << max << endl;
 cout << "Nilai terendah adalah  : " << min << endl;
}
```