**//ini yg ga kedaftar sbg seorang siswa**

select \* from akta\_lahir join siswa on siswa.akta\_lahir != akta\_lahir.kode where (now-akta.tgl\_lahir) as umur <20

**//yg ga sekolah di tahun pelajaran saat ini**

select \* from riwayat\_belajar where tahun\_pelajaran=2015/2016

join siswa on siswa.id= riwayat\_belajar.id\_siswa

join akta\_lahir on akta\_lahir.kode != siswa.akta\_lahir where (now-akta.tgl\_lahir) as umur <20

**//report top school semua**

sekolah[] = select \* from sekolah

siswa[] = select \* from siswa join sekolah on sekolah.id = siswa.id\_sekolah where id\_sekolah = sekolah[i]

prestasi[] = select \* from prestasi where id\_siswa = siswa[j]

sum[i]+=prestasi[k..n]

max(sum[])

**//report top school per kota**

sekolah[] = select \* from sekolah where kota = $kota

siswa[] = select \* from siswa join sekolah on sekolah.id = siswa.id\_sekolah where id\_sekolah = sekolah[i]

prestasi[] = select \* from prestasi where id\_siswa = siswa[j]

sum[i]+=prestasi[k..n]

max(sum[])

**//report hottest school semuanya(yg pertambahan per tahun nya banyak)**

sekolah[] = select \* from sekolah

siswa[] = select \* from siswa where id\_sekolah = sekolah[i]

prestasi1[] = select \* from prestasi where id\_siswa = siswa[j] AND tahun=this.year-1

sum1[i]+=prestasi1[k..n]

prestasi2[] = select \* from prestasi where id\_siswa = siswa[j] AND tahun=this.year

sum2[i]+=prestasi1[k..n]

max(sum2[]-sum1[])

**//report hottest school per kota**

sekolah[] = select \* from sekolah where kota = $kota

siswa[] = select \* from siswa where id\_sekolah = sekolah[i]

prestasi1[] = select \* from prestasi where id\_siswa = siswa[j] AND tahun=this.year-1

sum1[i]+=prestasi1[k..n]

prestasi2[] = select \* from prestasi where id\_siswa = siswa[j] AND tahun=this.year

sum2[i]+=prestasi1[k..n]

max(sum2[]-sum1[])

**//report hottest student di sekolah**

siswa[] = select \* from siswa where id\_sekolah = sekolah

prestasi1[] = select \* from prestasi where id\_siswa = siswa[j] AND tahun=this.year-1

sum1[i]+=prestasi1[k..n]

prestasi2[] = select \* from prestasi where id\_siswa = siswa[j] AND tahun=this.year

sum2[i]+=prestasi1[k..n]

max(sum2[]-sum1[])

**//report hottest student di kota**

sekolah[] = select \* from sekolah where kota = $kota

siswa[] = select \* from siswa where id\_sekolah = sekolah[i]

prestasi1[] = select \* from prestasi where id\_siswa = siswa[j] AND tahun=this.year-1

sum1[j]+=prestasi1[k..n]

prestasi2[] = select \* from prestasi where id\_siswa = siswa[j] AND tahun=this.year

sum2[j]+=prestasi1[k..n]

max(sum2[]-sum1[])

**//report top student per kota**

siswa [] =select \* from siswa join sekolah on sekolah.id = siswa.id\_sekolah where sekolah.kota= $kota

nilai [] =select average(nilai) where nilai.id\_siswa = siswa[i] groupby id\_siswa

prestasi[] = select count(\*) from prestasi where id\_siswa = siswa[i] groupby id\_siswa

sort(nilai[])

sort(prestasi[])

min(index of nilai + index of prestasi)

**//report top student per sekolah**

siswa [] =select \* from siswa join sekolah on sekolah.id = siswa.id\_sekolah where sekolah.id= $id\_sekolah

nilai [] =select average(nilai) where nilai.id\_siswa = siswa[i] groupby id\_siswa

prestasi[] = select count(\*) from prestasi where id\_siswa = siswa[i] groupby id\_siswa

sort(nilai[])

sort(prestasi[])

min(index of nilai + index of prestasi)

**//report top student semua**

siswa [] =select \* from siswa join sekolah on sekolah.id = siswa.id\_sekolah

nilai [] =select average(nilai) where nilai.id\_siswa = siswa[i] groupby id\_siswa

prestasi[] = select count(\*) from prestasi where id\_siswa = siswa[i] groupby id\_siswa

sort(nilai[])

sort(prestasi[])

min(index of nilai + index of prestasi)

**//report top cities**

Sekolah [] = Select \* from sekolah where kota = kota[i]

Siswa[] = select \* from siswa join sekolah on sekolah.id = siswa.id\_sekolah where sekolah = sekolahj[]

Prestasi[] = select count(\*) from where id\_siswa = siswa[k]

Sum[i] += prestasi[l..n]

max(sum2[]-sum1[])

**//report hottest cities**

sekolah[] = select \* from sekolah where kota = kota[]

siswa[] = select \* from siswa where id\_sekolah = sekolah[i]

prestasi1[] = select \* from prestasi where id\_siswa = siswa[j] AND tahun=this.year-1

sum1[j]+=prestasi1[k..n]

prestasi2[] = select \* from prestasi where id\_siswa = siswa[j] AND tahun=this.year

sum2[j]+=prestasi1[k..n]

max(sum2[]-sum1[])

**//report per cabang kategori seluruh**

Select count(\*) from prestasi join siswa on siswa.id=prestasi.id\_siswa join sekolah where siswa.id\_sekolah = sekolah.id where kategori = kategori[i] groupby siswa.id

**//report per cabang kategori per kota**

Select count(\*) from prestasi join siswa on siswa.id=prestasi.id\_siswa join sekolah where siswa.id\_sekolah = sekolah.id where kategori = kategori[i] groupby siswa.id AND kota= kota[j]

**//report per cabang kategori seluruh limit X orang**

Select count(\*) from prestasi join siswa on siswa.id=prestasi.id\_siswa join sekolah where siswa.id\_sekolah = sekolah.id where kategori = kategori[i] groupby siswa.id LIMIT X