

```
for (int i = 0; i < 4096; ++i) {  
    a[i] = c*b[i];  
}
```

32

32

32

32

32

1K threads

32

1K threads

32

1K threads

32

1K threads

Gangs

```
for (int i = 0; i < 4K; ++i){  
    a[i] = c*b[i];  
}
```

```
for (int i = 0; i < 4K; ++i){  
    a[i] = c*b[i];  
}
```

```
for (int i = 0; i < 4K; ++i){  
    a[i] = c*b[i];  
}
```

```
for (int i = 0; i < 4K; ++i){  
    a[i] = c*b[i];  
}
```

Gang Redundant