

```
#define BLOCK_WIDTH 16
```

```
// Setup the execution configuration
```

```
int NumBlocks = Width/BLOCK_WIDTH;
```

```
if (Width % BLOCK_WIDTH) NumBlocks++;
```

```
dim3 dimGrid(NumBlocks, NumBlocks);
```

```
dim3 dimBlock(BLOCK_WIDTH, BLOCK_WIDTH);
```

```
// Launch the device computation threads!
```

```
matrixMulKernel<<<dimGrid, dimBlock>>>(Md, Nd, Pd, Width);
```