

```
#include <LPC214x.h>
```

```
void delay(void);
```

```
void main()
```

```
{
```

```
PINSEL2= 0x00000000; // All pins are GPIO
```

```
IO1DIR = 0xFFFFFFFF; // Lower 4 pins (P0.3....P0.0) declared output
```

```
while(1)
```

```
{
```

```
IO1SET = 0xFFFFFFFF; // Set lower 4 pins to HIGH logic
```

```
    delay();
```

```
IO1CLR = 0xFFFFFFFF; // Set lower 4 pins to LOW logic
```

```
    delay();
```

```
}
```

```
}
```

```
void delay()
```

```
{
```

```
int i,j;
```

```
for(i=0;i<1000;i++)
```

```
for(j=0;j<1200;j++);
```

```
}
```