

Name : Tulsi Andhare Roll no :E3415 EXP no 3 stepper motor half drive

```
#include<reg51.h>
```

```
void Delay(void)
```

```
{
```

```
unsigned int x;
```

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

```
{
```

```
TMOD=0x01;
```

```
TH0=0xFC;
```

```
TL0=0x18;
```

```
TR0=1;
```

```
while (TF0==0);
```

```
TR0=0;
```

```
TF0=0;
```

```
}
```

```
}
```

```
void main()
```

```
{
```

```
while(1)
```

```
{
```

```
P1=0x08;
```

```
Delay();
```

```
P1=0x0C;
```

```
Delay();
```

```
P1=0x04;
```

```
Delay();
```

```
P1=0x06;
```

```
Delay();
```

```
P1=0x02;
```

```
Delay();
```

```
P1=0x03;
```

```
Delay();
```

```
P1=0x01;
```

```
P1=0x09;
```

```
Delay();
```

```
}
```

```
}
```

```
//output
```

