

Microcontrollers -

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JSN: IBM19CS174

Program ①

1) Stepper Motor (Rotation in Anticlockwise)

```
#include <studio.h>
```

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

```
char xdata port = 0xe803;
```

```
char xdata porta = 0xe800;
```

```
char xdata acc = 0x30;
```

```
delay()
```

```
{ int j;
```

```
for(j=0; j<800; j++)
```

```
{ }
```

```
}
```

```
void main()
```

```
{
```

```
port = 0x80;
```

```
while(1)
```

```
{ acc = 0x11;
```

```
porta = acc;
```

```
delay();
```

```
acc = 0x22;
```

```
porta = acc;
```

```
delay();
```

```
acc = 0x44;
```

```
porta = acc;
```

```
delay();
```

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```
acc = 0x88;
```

```
porta = acc;
```

```
delay();
```

```
}
```

```
}
```