

Program :- 12

## Stepper motor (clock wise)

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

```
char xdata port_at_0x803;  
char xdata porta_at_0x800;  
char idataacc_at_0x30;
```

```
delay () {
```

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

```
    }
```

```
void main () {
```

```
    port = 0x80;
```

```
    while (1) {
```

```
        acc = 0x88;
```

```
        porta = acc;
```

```
        delay ();
```

```
        acc = 0x99;
```

```
        porta = acc;
```

```
        delay ();
```

```
        acc = 0x22;
```

```
        porta = acc;
```

```
        delay ();
```

```
        acc = 0x11;
```

```
        porta = acc;
```

```
        delay ();
```

```
    }
```

```
}
```