

② clockwise :-

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

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

```
char data port-at-0x803;
```

```
char data porta-at-0x800;
```

```
char data acc-at-0x30;
```

```
delay()
```

```
{
```

```
int j;
```

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

```
{ }
```

```
void main() {
```

```
port = 0x80;
```

```
while(1)
```

```
{
```

```
acc = 0x808;
```

```
porta = acc;
```

```
delay();
```

```
acc = 0x11
```

```
porta = acc;
```

```
delay(); }
```