

```
#include<avr/io.h>
```

```
#include"mylcd.h"
```

```
int main( )
```

```
{
```

```
    lcd_init();           //initializing LCD
```

```
    while(1)
```

```
    {
```

```
        lcd_char('A'); //function to display a character on LCD
```

```
        lcd_gotoxy(0,6); //function to move the cursor position (0 th row 5 th column )
```

```
        lcd_showvalue(40); //To print a number on LCD
```

```
        lcd_gotoxy(1,0); //function to move the cursor position (1 th row 0 th column )
```

```
        lcd_string("HELLO WORLD"); //function to display a string
```

```
    }
```

```
}
```