1. Given the switch and LED configuration below, write the assembly language instructions to properly initialize PORTB and then continuously read the input switches and turn ON the corresponding LEDs for the switches that are ON (grounded).

![Switch Diagram]

```
INTCON2
```

2. Given a common cathode seven-segment display connected to PORTD below, write the assembly language instructions to initialize the port and flash the letter “H” every 100 ms. Assume the subroutine DELAY_100ms is available.

![Display Diagram]
3. Write assembly language instructions to enable the USART receiver as a low priority interrupt and the Timer1 Overflow as a high priority interrupt. Also, write instructions to identify the interrupt source and vector the MPU to the appropriate ISR.