

On restart



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graph TD; A([On restart]) --> B[Initiation of the peripherals used<br/>HF and LF clock<br/>Profile Timer<br/>Milli-second Timer<br/>UART peripheral<br/>Radio for continuously observing]; B --> C[/Print the welcome message/]; C --> D[Set the UART receive handler]; D --> E([Sleep and wait for interrupt]);
```

The flowchart illustrates the initialization sequence of a system. It begins with an oval node labeled 'On restart'. An arrow points down to a rectangular process node containing the text 'Initiation of the peripherals used' followed by a list of peripherals: 'HF and LF clock', 'Profile Timer', 'Milli-second Timer', 'UART peripheral', and 'Radio for continuously observing'. Another arrow points down to a parallelogram I/O node labeled 'Print the welcome message'. This is followed by a rectangular process node labeled 'Set the UART receive handler'. The final step is an arrow pointing down to an oval node labeled 'Sleep and wait for interrupt'.

Initiation of the peripherals used  
*HF and LF clock*  
*Profile Timer*  
*Milli-second Timer*  
*UART peripheral*  
*Radio for continuously observing*

Print the welcome message

Set the UART receive handler

Sleep and wait for interrupt