```
1    #include<reg51.h>
2    unsigned char idata *R4=0x04, *internalmemory=0x30;
3    void main(void)
4    {
5      ACC=0xf0;  //IMMEDIATE ADDRESSING MODE
6      *R4=ACC;   //REGISTER ADDRESSING MODE
7      ACC=*internalmemory;  //INDIRECT ADDRESSING MODE
8
9    }
10
```