

```

1 #include <stdio.h>
2 #include <stdlib.h>
3 #include <math.h>
4 #define Bcd2Dec(BcdNum) BcdNum, 0x10, 10 // BcdNum, 0x10, 10 ?
5 #define Dec2Bcd(DecNum) DecNum, 10, 0x10 // DecNum, 10,0x10 ?

7 int main()
8 {
9     int c1,c2,c3,c4,c5,c6,c7; // Pour Affichages Dec (format %02d) et tmp[x] (datas en format % 0x02d pour correctifs RTC)
10    int x1,x2,x3,x4,x5,x6,x7; // Pour Affichages BCD (format %03d)
11    char DD[7][3]={"Ln","Ma","Me","Je","Ve","Sa","Di"}; // Solution 1 pour Affichage ID Jour en string de 2 lettres selon Numero du jour
12    char JJ[25]; // Solution 2 pour Affichage ID jour en string de 2 lettres selon Numero du jour

14    c1=0; // Secondes (0 a 59) secondes laissées à 00 (0)
15    x1=Bcd2Dec(c1); // c1 en BCD
16    c2=8; // Minutes (0 a 59) e. il est 15:08 (8)
17    x2=Bcd2Dec(c2); // c2 en BCD
18    c3=15; // Heure (0 a 23) :ex. il est 15 :08 (15)
19    x3=Bcd2Dec(c3); // c3 en BCD
20    c4=3; // Numero du Jour (1 à 7) : ex ; on est le 3ème jour de a semaine (3)
21    x4=Bcd2Dec(c4); // c4 en BCD

23    if(c4==1){DD[0][0];} // Ln = Lundi (1er string de 2 lettres + '0/')
24    else if(c4==2){DD[1][3];} // Ma = Mardi (2eme string de 2 lettres + '0/')
25    else if(c4==3){DD[2][3];} // Me = Mercredi (3eme string de 2 lettres + '0/')
26    else if(c4==4){DD[3][3];} // Je = Jeudi (4eme string de 2 lettres + '0/')
27    else if(c4==5){DD[4][3];} // Ve = Vendredi (5eme string de 2 lettres + '0/')
28    else if(c4==6){DD[5][3];} // Sa = Samedi (6eme string de 2 lettres + '0/')
29    else {DD[6][3];} // Di = Dimanche (7eme string de 2 lettres + '0/')

31    if(c4==1){JJ[0] = 'L';JJ[1] = 'n';JJ[2]='\0';} // Ln = Lundi (1er string de 2 lettres + '0/')
32    else if(c4==2){JJ[0] = 'M';JJ[1] = 'a';JJ[2]='\0';} // Ma = Mardi (2eme string de 2 lettres + '0/')
33    else if(c4==3){JJ[0] = 'M';JJ[1] = 'e';JJ[2]='\0';} // Me = Mercredi (3eme string de 2 lettres + '0/')
34    else if(c4==4){JJ[0] = 'J';JJ[1] = 'e';JJ[2]='\0';} // Je = Jeudi (4eme string de 2 lettres + '0/')
35    else if(c4==5){JJ[0] = 'V';JJ[1] = 'e';JJ[2]='\0';} // Ve = Vendredi (5eme string de 2 lettres + '0/')
36    else if(c4==6){JJ[0] = 'S';JJ[1] = 'a';JJ[2]='\0';} // Sa = Samedi (6eme string de 2 lettres + '0/')
37    else {JJ[0] = 'D';JJ[1] = 'i';JJ[2]='\0';} // Di = Dimanche (7eme string de 2 lettres + '0/')

39    c5=6; // Date du Jour (1 a 31) : ex. On est le 6 (6)
40    x5=Bcd2Dec(c5); // c5 en BCD
41    c6=9; // Mois (1 a 12) : ex. On est en septembre (9)
42    x6=Bcd2Dec(c6); // c6 en BCD
43    c7=23; // An : ex. On est en 2023 (23)
44    x7=Bcd2Dec(c7); // c7 en BCD

46    // Affichages
47    printf("saisie Secondes >%02d ; tmp[1]>0x%02d (BCD>%03d) \n",c1,c1,x1);
48    printf("saisie Minutes >%02d ; tmp[2]>0x%02d (BCD>%03d) \n",c2,c2,x2);
49    printf("saisie Heures >%02d ; tmp[3]>0x%02d (BCD>%03d) \n",c3,c3,x3);
50    printf("saisie Jour (DD) >%s ; tmp[4]>0x%02d (BCD>%03d) \n",DD,c4,x4); // !!!FAUX!!!
51    printf("saisie Jour (JJ) >%s ; tmp[4]>0x%02d (BCD>%03d) \n",JJ,c4,x4); // VRAI
52    printf("saisie Date >%02d ; tmp[5]>0x%02d (BCD>%03d) \n",c5,c5,x5);
53    printf("saisie Mois >%02d ; tmp[6]>0x%02d (BCD>%03d) \n",c6,c6,x6);
54    printf("saisie An >%02d ; tmp[1]>0x%02d (BCD>%03d) \n",c7,c7,x7);
55    return 0;
56 }

```

```

saisie Secondes >00 ; tmp[1]>0x00 (BCD>000)
saisie Minutes >08 ; tmp[2]>0x08 (BCD>008)
saisie Heures >15 ; tmp[3]>0x15 (BCD>000)
saisie Jour (DD) >Ln ; tmp[4]>0x03 (BCD>003)
saisie Jour (JJ) >Me ; tmp[4]>0x03 (BCD>003)
saisie Date >06 ; tmp[5]>0x06 (BCD>006)
saisie Mois >09 ; tmp[6]>0x09 (BCD>009)
saisie An >23 ; tmp[1]>0x23 (BCD>023)

```

```

1 |4|warning: right-hand operand of comma expression has no effect [-Wunused-value]
|15|note: in expansion of macro 'Bcd2Dec'|
2 |4|warning: right-hand operand of comma expression has no effect [-Wunused-value]
|15|note: in expansion of macro 'Bcd2Dec'|
3 |4|warning: right-hand operand of comma expression has no effect [-Wunused-value]
|17|note: in expansion of macro 'Bcd2Dec'|
4 |4|warning: right-hand operand of comma expression has no effect [-Wunused-value]
|17|note: in expansion of macro 'Bcd2Dec'|
5 |4|warning: right-hand operand of comma expression has no effect [-Wunused-value]
|19|note: in expansion of macro 'Bcd2Dec'|
6 |4|warning: right-hand operand of comma expression has no effect [-Wunused-value]
|19|note: in expansion of macro 'Bcd2Dec'|
7 |4|warning: right-hand operand of comma expression has no effect [-Wunused-value]
|21|note: in expansion of macro 'Bcd2Dec'|
8 |4|warning: right-hand operand of comma expression has no effect [-Wunused-value]
|21|note: in expansion of macro 'Bcd2Dec'|
9 |23|warning: statement with no effect [-Wunused-value]|
10 |24|warning: statement with no effect [-Wunused-value]|
11 |25|warning: statement with no effect [-Wunused-value]|
12 |26|warning: statement with no effect [-Wunused-value]|
13 |27|warning: statement with no effect [-Wunused-value]|
14 |28|warning: statement with no effect [-Wunused-value]|
15 |29|warning: statement with no effect [-Wunused-value]|
16 |4|warning: right-hand operand of comma expression has no effect [-Wunused-value]
|40|note: in expansion of macro 'Bcd2Dec'|
17 |4|warning: right-hand operand of comma expression has no effect [-Wunused-value]
|40|note: in expansion of macro 'Bcd2Dec'|
18 |4|warning: right-hand operand of comma expression has no effect [-Wunused-value]
|42|note: in expansion of macro 'Bcd2Dec'|
19 |4|warning: right-hand operand of comma expression has no effect [-Wunused-value]
|42|note: in expansion of macro 'Bcd2Dec'|
20 |4|warning: right-hand operand of comma expression has no effect [-Wunused-value]
|44|note: in expansion of macro 'Bcd2Dec'|
21 |4|warning: right-hand operand of comma expression has no effect [-Wunused-value]
|44|note: in expansion of macro 'Bcd2Dec'|
22 |50|warning: format '%s' expects argument of type 'char *', but argument 2 has type 'char (*)[3]' [-Wformat=]|
23 |50|warning: format '%s' expects argument of type 'char *', but argument 2 has type 'char (*)[3]' [-Wformat=]|
|Build finished: 0 error(s), 23 warning(s)|

```